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AVE-SESAME I: 25-MB SOUNDING DATA

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AVE-SESAME I: 25-MB SOUNDING DATA

by

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1. Introduction

To date, NASA has conducted seven Atmospheric Variability Experiments (AVE), two Atmospheric Variability and Severe Storms Experiments (AVSSE), and participated in six Atmospheric Variability Experiment - Severe Environmental Storms and Mesoscale Experiments (AVE-SESAME). The dates, observation times, and data reports for each of these experiments for which data have been processed are listed in Table 1. This report contains data and information about the first AVE-SESAME experiment.

The AVE experiments were conducted primarily for the purpose of studying atmospheric variability with emphasis on spatial and temporal changes in atmospheric structure that can be detected from soundings taken at 3-h intervals but not seen in soundings taken at 12-h intervals. The objective of the AVSSE experiments was to study atmospheric structure and variability associated with severe storms combining both rawinsonde and aircraft data to provide information on near-storm environments. From

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Table 1. Summary of AVE experiments.

Experiment	Dates	Observation Times (GMT)	Data Reports
AVE I	19-22 February 1973	2/19 - 00, 03, 06, 09, 12, 15, 18, 21 2/20 - 00, 03, 06, 09, 12, 15, 18, 21 2/21 - 00, 03, 06, 09, 12, 15, 18, 21 2/22 - 00, 03, 06, 09, 12, 15, 18, 21 2/23 - 00	Scoggins and Smith (1973a and b)
AVE II	11-12 May 1974	5/11 - 12, 15, 18, 21 5/12 - 00, 03, 06, 09, 12	Scoggins and Turner (1975) Fuelberg and Turner (1975)
AVE III	6-9 February 1975	2/6 - 00, 06, 12, 15, 18, 21 2/7 - 00, 06, 12	Fuelberg and Turner (1975) Fuelberg et al. (1975)
AVE IV	24-25 April 1975	4/24 - 00, 06, 12, 15, 18, 21 4/25 - 00, 06, 12	Fucik and Turner (1975)
AVSSE I	27-28 April 1975	4/27 - 12, 15, 18, 21 4/28 - 00, 03, 12	Fucik and Turner (1975)
AVSSE II	6-7 May 1975	5/6 - 12, 15, 18, 21 5/7 - 00, 03, 12	Fucik and Turner (1975)
AVE V	11-12 June 1976	6/11 - 00, 12, 15, 18, 21 6/12 - 00, 03, 12	Humbert and Hill (1977)
AVE VI	27-28 May 1977	5/27 - 00, 12, 15, 18, 21 5/28 - 00, 03, 12	Dupuis and Hill (1977)
AVE VII	2-3 May 1978	5/2 - 00, 12, 15, 18, 21 5/3 - 00, 03, 12	Davis et al. (1978)
AVE-SESAME I	10-11 April 1979	4/10 - 12, 15, 18, 21 4/11 - 00, 03, 06, 09, 12	This Report

these experiments previous studies have indicated that significant variability and changes in atmospheric structure occur within 12-hr periods especially near convective systems (Scoggins et al., (1973); Overall and Scoggins, (1975); Wilson and Scoggins, (1976); McCown and Scoggins, (1977); Scott and Scoggins, (1977); Wilson (1976); Fuelberg (1977); Read and Scoggins, (1977); Fuelberg and Scoggins, (1978); and Dupuis and Scoggins, (1979)). These analyses have revealed much concerning severe thunderstorms, but knowledge concerning detailed interactions of convective storms and the ambient atmosphere on a mesoscale are incomplete. AVE-SESAME I, the first in a series of experiments conducted during the Spring of 1979, was designed for this purpose as well as fulfilling AVE and AVSSE objectives.

This report is primarily a data document containing rawinsonde data taken at both National Weather Service and special stations during AVE-SESAME I. The data reduction computer program, description of the data processing method, and the error analysis have been presented by Fuelberg (1974). Error estimates from Fuelberg's report are presented in Section IV. A description of the synoptic conditions, observed weather, selected satellite photographs, and summaries of severe and unusual weather events compiled from teletype reports will be presented in a separate report currently under preparation.

2. The AVE-SESAME I Experiment

Twenty-three National Weather Service rawinsonde stations and nineteen special rawinsonde stations participated in the AVE-SESAME I experiment. A list of these stations is presented in Table 2, and their locations are given in Fig. 1. Soundings were taken at nine times: April 10, 1979 at 1200, 1500, 1800, and 2100 GMT, and April 11, 1979 at 0000, 0300, 0600, 0900, and 1200 GMT.

3. Discussion of Basic Data

3.1 Collection of Data. Raw data from each rawinsonde station were collected by the National Severe Storms Laboratory (NSSL), Norman, Oklahoma, and forwarded to the Atmospheric Sciences Division, NASA Marshall Space

Table 2. Rawinsonde stations participating in AVE-SESAME I experiment.

Station Number	Location
<u>NWS Stations</u>	
229 (CKL)	Centerville, Al.
232 (BVE)	Boothville, La.
235 (JAN)	Jackson, Ms.
240 (LCH)	Lake Charles, La.
247 (GGG)	Longview, Tx.
255 (VCT)	Victoria, Tx.
259 (SEP)	Stephenville, Tx.
261 (DRT)	Del Rio, Tx.
265 (MAF)	Midland, Tx.
270 (ELP)	El Paso, Tx.
327 (BNA)	Nashville, Tn.
340 (LIT)	Little Rock, Ar.
349 (UMN)	Monett, Mo.
354 (OCK)	Oklahoma City, Ok.
363 (AMA)	Amarillo, Tx.
365 (ABQ)	Albuquerque, Nm.
433 (SLO)	Salem, Il.
451 (DDC)	Dodge City, Ks.
456 (TOP)	Topeka, Ks.
469 (DEN)	Denver, Co.
532 (PIA)	Peoria, Il.
553 (OMA)	Omaha, Ne.
562 (LBF)	North Platte, Ne.
<u>Special Stations</u>	
001 (ABI)	Abilene, Tx.
002 (BVO)	Bartlesville, Ok.
003 (COU)	Columbia, Mo.
004 (CDS)	Childress, Tx.
005 (CLL)	College Station, Tx.
006 (CNK)	Concordia, Ks.
007 (DUA)	Durant, Ok.
008 (FSM)	Fort Smith, Ar.
009 (GAG)	Gage, Ok.
010 (GLD)	Goodland, Ks.
011 (ICT)	Wichita, Ks.
012 (JCT)	Junction, Tx.
013 (MLU)	Monroe, La.
014 (MRF)	Marfa, Tx.
015 (MTX)	Morton, Tx.
016 (OTM)	Ottumwa, Ia.
017 (POF)	Poplar Bluff, Mo.
018 (RTN)	Raton, Nm.
019 (UOX)	Oxford, Ms.

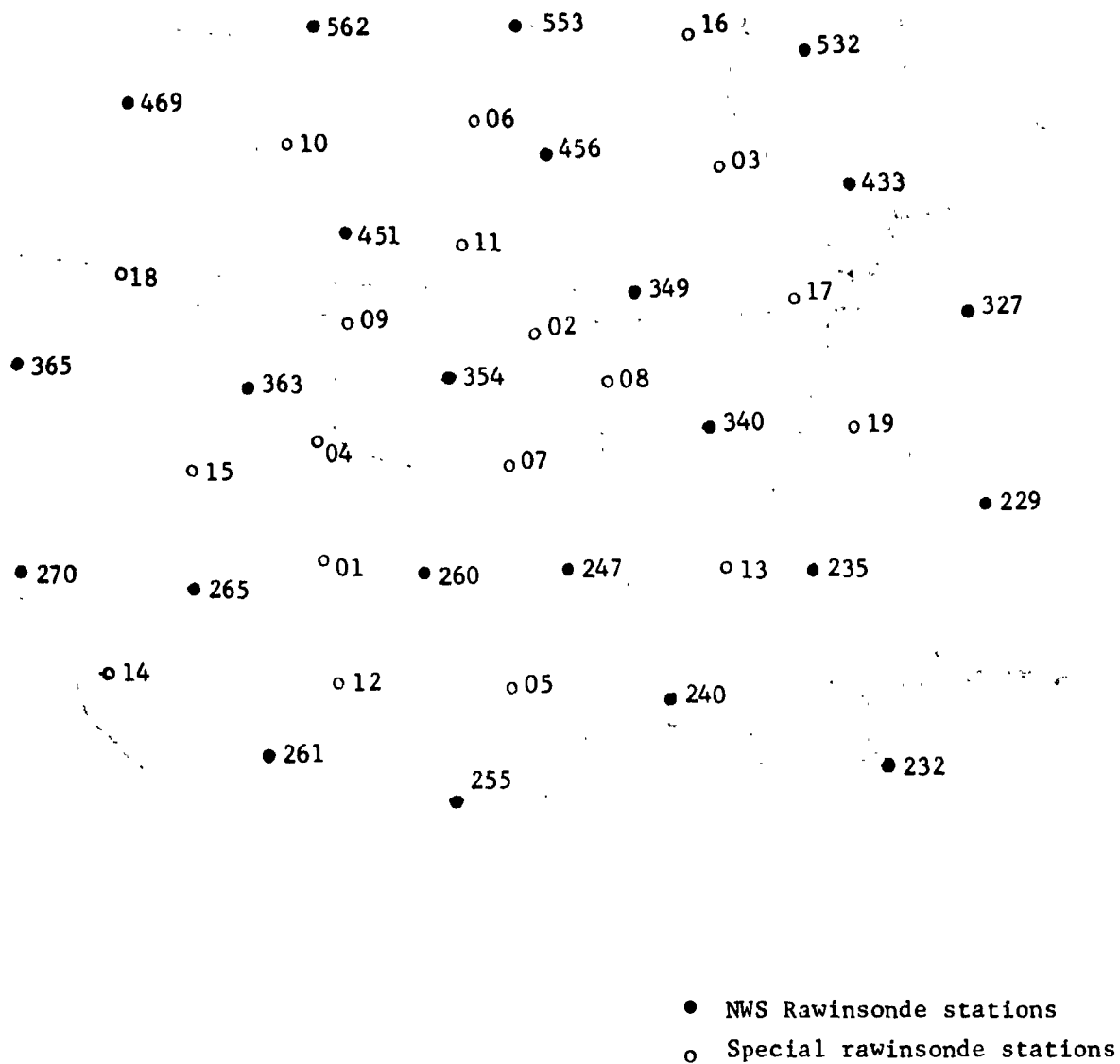


Fig. 1 Location of rawinsonde stations participating in the AVE-SESAME I experiment.

Flight Center (MSFC), Alabama. These data were sent to St. Louis University for initial processing, then to Texas A&M University where complete soundings were computed using the university's Amdahl 406V/6 computer.

3.2 Methods of Processing. The procedure used to compute soundings is that used on previous AVE's and is described by Fuelberg (1974) and Fuelberg and Turner (1975). All keypunched data were checked for errors by calculating centered differences on the input data. Additional checks include first differences of calculated temperatures and dew point temperatures, plotting of constant pressure charts for 850, 500, and 200 mb for all release times, and time cross sections for each station. Suspected errors were checked with the original strip chart information and appropriate corrections made.

The final data set of the AVE-SESAME I experiment consists of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while the winds were computed from the available 30- or 60-s interval angle data by means of centered finite differences and subsequently interpolated for each contact or 25-mb level.

It is important to note three procedures employed in the processing of these data. They are: (1) Humidity values, including dew-point temperatures, are computed at temperatures only above -40°C ; at temperatures below -40°C , humidity values are missing and indicated by a field of nines (i.e., 99.9). Moisture values are computed down to a relative humidity of 1%. If the value falls below 1%, it is set equal to 1% and used in the computation of other moisture variables. (2) Winds based on low elevations are denoted by asterisks (one asterisk denotes angles less than 10° but greater than 6° , while two asterisks denote angles less than 6°). Caution must be exercised in the use of data at low elevation angles since it is subject to rather large RMS errors. (3) Wind direction and speed are determined by interpolating the 25-mb values of the u- and v-components.

4. Discussion of Sounding Data

4.1 Accuracy Estimates. Estimates of the RMS errors in the thermodynamic quantities of the AVE-SESAME I data are the same as those for all AVE experiments and are given by Fuelberg (1974). These estimates are presented in Table 3.

Table 3. Estimates of the RMS errors in thermodynamic quantities of AVE-SESAME I.

Parameter	Approximate RMS Error
Temperature	0.5°C (Fuelberg's value is 1°C)
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.

The RMS errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum RMS errors for winds (speed and direction) computed at 30-s intervals (based on the worst geometric tracking configuration) for 10 and 40 deg elevation angles are presented in Table 4. The accuracy of the wind data at pressure contacts and at 25-mb intervals is greater than that stated for the 30-s winds because of the added smoothing and interpolation performed. In addition, errors cited for the 30-s winds were maxima for the stated conditions.

4.2 Tabulated Data. An example of AVE-SESAME I contact data is given in Table 5, with an explanation of the column headings in Table 6. A listing of those soundings that were missing or terminated before completion is given in Table 7 along with the reason for early termination.

Table 4. Estimates of RMS errors in AVE-SESAME I wind data.

Pressure	RMS errors (m s^{-1}) in speed		RMS errors (deg) in direction	
	10 deg el.	40 deg el.	10 deg el.	40 deg el.
700	2.5	0.5	9.5	1.3
500	4.5	0.8	13.4	1.8
300	7.8	1.0	18.0	2.5

In Table 5, the first line of data for the time of 0.0 minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand corner are the number of pressure levels computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-s angle input and 1 for 1-min angle input. The contact data are available in paper form or on magnetic tape from the Space Sciences Laboratory, Atmospheric Sciences Division (ES84), George C. Marshall Space Flight Center, Alabama 35812. The 25-mb data also are available on magnetic tape from the same source.

The contact data interpolated for 25-mb intervals are presented in Appendix I. The column headings are identical to those used for the contact data and are described in Table 6. The soundings are arranged by station number and appear in ascending order by time for each station. The first line of each sounding is surface data which is followed by data from 1000 to 25 millibars (or to termination) successively. In cases where the surface pressure is less than the given 25-mb pressure value, missing data (nines) are indicated for each quantity. This is also done when the sounding terminated before the 25-mb level was reached.

4.3 Soundings of Questionable Validity

Sounding data collected during the AVE-SESAME I experiment were generally found to be of remarkable quality following processing and rigorous error checking. Nevertheless, some discrepancies were observed in some of the soundings which may have resulted from errors that have not been determined. In each case these discrepancies were observed in

Table 5. Example of contact sounding data.

STATION NO. 229 CENTERVILLE, ALABAMA														
10 APRIL 1979 1105 GMT														
TIME MIN	CNTCT	WEIGHT GMM	PRLS MB	TEMP DG C	ULS PT DG C	DIA DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT V DG K	MX WTD GMM/KG	RM PCT	RANGE AZ RM DG
0.0	6.2	140.0	397.4	4.3	3.7	50.0	4.6	-3.5	-3.0	277.7	290.4	5.0	96.0	0.0 9.
0.4	7.0	217.2	508.0	4.7	3.2	66.0	11.1	-10.2	-4.4	279.8	291.3	4.9	90.1	0.2 23.
0.7	8.0	308.7	777.0	5.0	2.6	77.0	10.3	-7.5	-4.0	280.1	292.2	4.7	84.2	0.3 24.1
1.1	9.0	481.3	966.0	5.4	1.4	67.1	7.9	-7.3	-3.1	281.3	292.7	4.4	75.5	0.6 24.3
1.4	10.5	495.1	955.0	6.4	1.6	61.9	4.2	-3.7	-2.0	283.3	295.2	4.6	72.1	0.7 24.5
1.8	11.0	520.6	944.0	6.2	2.4	313.7	1.3	0.9	-0.7	286.0	295.8	4.8	64.7	0.7 24.7
2.2	12.0	587.3	933.0	10.2	5.2	261.5	6.5	4.5	0.2	289.0	304.6	6.3	71.2	0.7 24.9
2.5	13.0	766.6	942.0	10.4	4.1	261.5	6.5	6.5	1.0	293.2	320.0	5.6	66.9	0.6 25.5
2.9	14.0	806.9	911.0	12.1	2.7	255.6	8.9	6.6	2.2	292.7	320.0	5.1	52.5	0.4 25.5
3.2	15.0	873.5	901.0	13.0	3.4	252.0	10.1	9.7	3.0	294.9	306.9	4.4	41.9	0.3 25.7
3.6	16.0	1062.7	990.0	12.8	-11.9	250.0	11.1	10.4	3.5	295.7	300.7	1.7	16.5	0.2 14.4
4.0	17.0	1177.4	880.0	13.0	-15.3	247.8	11.1	10.3	4.2	296.6	300.4	1.3	12.3	0.3 13.0
4.4	18.0	1322.9	869.0	12.8	-13.4	244.8	10.4	9.4	4.4	297.7	300.9	1.0	9.6	0.5 8.0
4.8	19.0	1537.7	958.0	12.8	-18.4	243.3	10.0	9.0	4.3	298.0	302.0	1.0	9.6	0.8 9.0
5.2	20.0	1498.0	848.0	13.0	-19.0	243.6	9.3	8.5	3.7	300.0	303.1	1.0	9.1	1.1 7.7
5.5	21.0	1597.3	827.0	12.1	-19.6	250.2	8.6	8.1	2.9	300.1	303.1	1.0	9.2	1.2 7.5
5.9	22.0	1697.7	821.0	11.7	-17.9	255.9	8.5	8.3	1.9	300.7	304.2	1.1	10.5	1.4 7.5
6.3	23.0	1899.3	817.0	11.4	-16.7	260.0	6.7	6.6	3.9	302.0	305.0	1.3	11.9	1.6 7.6
6.7	24.0	1912.5	800.0	11.5	-20.3	259.6	9.2	9.2	0.1	302.8	305.6	1.0	9.2	1.8 7.7
7.1	25.0	2016.0	796.0	11.3	-20.1	272.8	10.0	10.0	-0.5	302.6	305.7	1.0	9.2	2.1 7.0
7.5	26.0	2121.9	786.0	10.9	-19.7	274.2	10.9	10.8	-0.5	304.3	307.5	1.0	9.9	2.3 9.0
7.9	27.0	2245.4	776.0	10.4	-20.0	274.4	10.7	10.6	-1.5	304.9	307.5	1.0	9.9	2.5 8.2
8.4	28.0	2352.2	766.0	10.2	-23.6	281.1	12.0	11.4	-2.3	305.8	308.0	0.9	9.3	2.9 7.1
8.8	29.0	2445.2	755.0	9.6	-18.7	280.4	13.6	13.3	-2.3	306.4	311.0	1.1	11.5	3.2 8.6
9.2	30.0	2555.4	746.0	8.9	-18.2	280.0	14.6	14.4	-2.5	307.7	310.5	1.2	12.7	3.5 9.7
9.6	31.0	2666.9	736.0	8.4	-18.1	280.6	15.1	14.8	-2.6	307.3	311.2	1.2	13.3	3.9 9.0
10.0	32.0	2769.4	727.0	8.0	-19.9	280.9	15.6	15.2	-3.2	308.0	311.7	1.2	12.4	4.2 8.9
10.4	33.0	2862.3	717.0	7.1	-20.0	283.4	15.5	15.1	-3.4	308.3	311.7	1.1	12.4	4.6 9.0
10.8	34.0	2977.5	707.0	6.3	-21.1	284.2	14.9	14.4	-3.6	308.5	311.7	1.0	11.2	4.9 9.1
11.2	35.0	3102.3	698.0	5.7	-21.4	283.0	14.3	14.0	-3.2	309.1	312.2	1.0	12.3	5.4 9.3
11.6	36.0	3220.1	689.0	5.0	-21.9	283.4	14.7	14.5	-2.7	309.6	312.7	1.0	12.0	5.7 9.1
12.0	37.0	3327.4	679.0	4.4	-21.9	277.5	15.2	15.1	-2.0	310.0	313.1	1.0	12.6	6.1 9.3
12.4	38.0	3447.0	669.0	3.2	-24.8	275.7	14.7	14.6	-1.4	310.0	313.0	0.9	12.7	6.3 9.4
12.8	39.0	3577.4	659.0	2.7	-23.1	273.6	14.2	14.2	-0.3	310.7	312.6	0.9	12.9	6.8 9.4
13.2	40.0	3668.2	651.0	1.7	-22.5	273.0	15.4	15.4	-0.8	310.8	313.3	1.0	14.4	7.1 9.4
13.6	41.0	3752.5	641.0	0.7	-21.8	272.7	16.4	16.4	-0.8	311.0	314.4	1.0	16.5	7.5 9.4
14.0	42.0	3805.9	632.0	-0.6	-12.4	272.0	16.7	16.7	-0.6	310.8	318.0	2.3	40.2	7.9 9.0
14.4	43.0	4000.4	623.0	-1.2	-19.6	270.5	16.9	16.9	-0.1	311.4	315.5	1.3	23.1	8.3 9.3
14.8	44.0	4136.2	614.0	-2.1	-17.0	267.7	17.2	17.2	0.7	311.6	316.7	1.6	31.0	8.7 9.3
15.2	45.0	4251.3	605.0	-3.5	-16.7	266.1	17.0	16.9	1.7	311.2	316.6	1.7	35.2	9.1 9.2
15.6	46.0	4371.6	596.0	-4.5	-16.1	263.6	17.1	16.9	2.6	311.6	317.3	1.8	39.7	9.5 9.2
16.0	47.0	4477.9	588.0	-5.5	-16.4	259.6	18.2	17.8	3.9	311.5	317.1	1.8	41.7	10.0 9.2
16.4	48.0	4595.7	579.0	-6.3	-17.7	255.7	17.6	19.1	4.5	312.0	317.2	1.6	39.7	10.5 9.1
16.8	49.0	4722.2	570.0	-7.3	-21.4	250.0	20.3	19.7	4.9	312.1	316.1	1.2	31.4	10.9 9.2
17.2	50.0	4844.9	561.0	-8.2	-18.3	253.2	19.4	19.7	5.3	312.6	317.7	1.6	43.7	11.4 9.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN

Table 5. Continued.

STATION NO. 229 CENTERVILLE, ALASKA													
10 APRIL 1979 1100 GMT													
TIME MIN	CNCT	REL. / GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	MX RTO CM/SEC	RN MCT
17.0	51.0	9450.2	953.0	-9.5	-17.2	232.3	18.4	17.0	5.8	312.3	317.9	1.6	53.1
18.3	52.0	9082.8	946.0	-10.7	-15.6	231.1	17.8	16.8	5.8	312.4	318.0	2.1	66.0
19.7	53.0	9156.7	946.0	-11.2	-20.1	231.0	17.5	16.5	5.7	313.1	317.7	1.4	67.8
19.1	53.0	9312.1	948.0	-11.5	-20.7	231.2	17.1	16.2	5.3	313.1	318.5	1.4	66.4
19.5	54.0	9429.0	940.0	-12.2	-27.8	231.8	17.0	16.1	5.3	313.6	317.1	0.7	25.0
19.4	54.0	9562.4	941.0	-12.8	-21.8	232.6	17.1	16.3	5.1	315.5	319.7	1.3	66.5
20.3	57.0	9482.5	943.0	-14.0	-18.9	232.6	17.1	16.3	5.0	315.4	320.8	1.7	66.5
20.7	58.0	9504.3	942.0	-14.3	-19.1	233.1	16.9	16.4	4.9	315.3	320.7	1.7	72.4
21.1	58.0	9477.0	947.0	-14.3	-19.1	233.7	16.5	15.9	4.6	315.6	320.8	1.6	74.2
21.5	60.0	9351.6	949.0	-14.3	-22.6	234.3	15.1	14.0	4.1	315.4	315.6	1.3	64.6
22.0	61.0	9161.5	942.0	-17.9	-31.4	236.6	15.5	15.3	3.8	316.4	316.3	0.6	28.2
22.4	62.0	9289.4	940.0	-18.9	-41.0	233.9	16.7	16.4	3.2	317.0	318.4	0.2	11.2
22.6	63.0	9419.2	950.0	-19.5	-41.6	231.9	17.8	17.6	2.5	318.3	319.1	0.2	11.3
23.4	64.0	9550.5	948.0	-19.4	-32.5	235.2	20.4	20.3	1.7	319.3	321.2	0.5	27.9
23.3	65.0	9647.7	941.0	-20.6	-31.7	237.3	22.5	22.5	1.2	319.3	321.3	0.6	36.0
24.2	66.0	9602.9	933.0	-21.7	-31.3	238.0	23.7	23.7	0.8	319.5	321.7	0.6	41.1
24.6	67.0	9422.7	928.0	-22.7	-34.3	238.2	23.9	23.9	0.7	319.6	321.3	0.5	33.6
25.1	68.0	9061.6	918.0	-23.5	-35.2	237.3	24.1	24.1	1.1	320.3	321.9	0.4	33.0
25.5	69.0	9165.0	911.0	-24.1	-35.4	236.4	24.3	24.2	1.5	321.2	321.8	0.2	11.8
26.0	70.0	9213.2	904.0	-24.6	-36.6	235.9	25.7	25.6	1.8	322.1	322.6	0.1	10.9
26.4	71.0	9437.1	907.0	-25.9	-37.1	235.3	26.4	26.4	2.1	322.0	322.5	0.1	11.5
26.9	72.0	9562.7	903.0	-26.9	-37.4	237.7	27.2	27.2	3.0	322.4	322.9	0.1	12.1
27.4	73.0	9695.0	933.0	-28.3	-38.5	231.6	30.9	30.6	4.4	322.2	322.6	0.1	12.3
27.8	74.0	9627.9	936.0	-29.5	-39.4	231.6	32.1	31.7	5.0	322.3	322.7	0.1	12.4
28.3	75.0	9661.8	939.0	-30.6	-39.8	230.8	29.9	29.5	4.8	322.7	323.1	0.1	13.0
28.8	76.0	9057.6	932.0	-31.5	-39.9	231.3	26.3	26.0	4.0	323.2	323.6	0.1	14.1
29.2	77.0	9235.5	935.0	-32.7	-40.4	231.3	24.6	24.3	3.7	323.4	323.9	0.1	18.9
29.7	78.0	9355.3	939.0	-34.0	-43.3	231.2	23.9	23.6	3.7	323.2	323.6	0.1	19.5
30.2	79.0	9517.4	941.0	-34.9	-41.9	232.0	23.9	23.7	3.3	324.1	325.1	0.3	43.8
30.7	80.0	9641.1	945.0	-35.7	-41.3	233.8	24.6	24.5	2.7	324.6	325.7	0.3	55.9
31.2	81.0	9787.6	948.0	-36.9	-41.4	235.7	24.4	24.4	1.5	324.9	326.0	0.1	63.1
31.6	82.0	9815.0	942.0	-38.2	-41.8	237.6	22.9	22.9	1.0	325.0	326.0	0.3	67.9
32.1	83.0	9944.2	946.0	-39.2	-42.8	235.8	22.1	22.1	0.1	325.2	326.2	0.3	68.7
32.5	84.0	9175.2	940.0	-40.6	-43.9	233.5	23.0	23.0	-0.1	325.1	325.9	0.3	68.7
33.0	85.0	9208.0	944.0	-41.6	-43.9	239.6	24.6	24.6	0.2	325.5	325.9	0.3	68.7
33.5	86.0	9462.7	947.0	-42.5	-45.9	239.7	25.8	25.8	0.6	326.3	326.9	0.3	68.7
33.9	87.0	9533.1	941.0	-43.5	-45.9	239.7	24.7	24.7	1.2	326.9	327.0	0.3	68.7
34.4	88.0	9719.5	946.0	-44.8	-45.5	239.7	26.2	26.2	2.6	327.7	328.9	0.3	68.7
34.9	89.0	9861.0	940.0	-45.8	-45.9	239.7	29.3	29.3	3.6	327.7	328.9	0.3	68.7
35.4	90.0	10034.9	946.0	-46.8	-45.9	239.7	28.6	28.6	3.3	327.8	328.9	0.3	68.7
35.9	91.0	10151.4	946.0	-47.7	-45.9	239.7	26.4	26.2	2.9	328.6	328.6	0.3	68.7
36.4	92.0	10275.5	943.0	-48.9	-45.9	239.7	29.4	29.2	3.2	328.6	328.6	0.3	68.7
36.8	93.0	10426.7	947.0	-49.9	-45.9	239.7	33.5	33.4	3.1	329.2	329.2	0.3	68.7
37.3	94.0	10555.8	952.0	-50.7	-45.9	239.7	36.9	36.9	2.6	330.6	330.6	0.3	68.7
37.8	95.0	10711.5	946.0	-52.1	-45.9	239.7	35.7	35.7	1.3	330.2	330.2	0.3	68.7

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Continued.

STATION NO. 229 CENTERVILLE, ALABAMA													
10 APRIL 1979 1106 GMT													
TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	WX RTO GM/KG	RH PCT
38.3	96.0	10644.1	241.0	-53.5	99.9	268.9	37.1	37.1	0.7	330.0	979.9	99.9	999.9
38.8	97.0	10975.7	236.0	-54.4	99.9	268.8	41.9	41.9	0.9	330.5	979.9	99.9	999.9
39.3	98.0	11143.4	230.0	-55.1	99.9	268.5	44.1	44.1	1.1	332.0	999.9	99.9	999.9
39.8	99.0	11283.6	225.0	-55.6	99.9	268.4	41.5	41.5	1.1	333.3	999.9	99.9	999.9
40.4	100.0	11424.4	220.0	-56.9	99.9	268.1	39.6	39.6	1.3	333.5	999.9	99.9	999.9
40.8	101.0	11571.9	215.0	-57.4	99.9	267.9	41.1	41.1	1.5	334.9	999.9	99.9	999.9
41.4	102.0	11720.2	210.0	-58.4	99.9	267.8	42.4	42.4	1.8	335.5	999.9	99.9	999.9
41.9	103.0	11871.5	205.0	-59.1	99.9	267.5	46.2	46.2	2.0	336.8	999.9	99.9	999.9
42.4	104.0	11994.8	201.0	-60.0	99.9	267.5	45.8	45.8	2.0	337.3	999.9	99.9	999.9
42.9	105.0	12152.0	197.0	-60.2	99.9	268.3	49.2	49.2	1.4	339.4	999.9	99.9	999.9
43.5	106.0	12313.0	191.0	-60.5	99.9	268.0	52.1	52.1	0.9	341.4	999.9	99.9	999.9
44.1	107.0	12476.0	186.0	-61.3	99.9	268.0	49.4	49.4	1.7	342.8	999.9	99.9	999.9
44.6	108.0	12614.8	182.0	-61.6	99.9	267.3	47.0	46.9	2.2	344.3	999.9	99.9	999.9
45.2	109.0	12759.5	178.0	-61.5	99.9	267.4	53.1	53.1	2.4	346.8	999.9	99.9	999.9
45.7	110.0	12826.5	173.0	-62.0	99.9	267.6	56.2	56.2	2.6	349.7	999.9	99.9	999.9
46.3	111.0	12971.7	167.0	-61.8	99.9	268.1	46.8	46.8	2.4	351.4	999.9	99.9	999.9
46.9	112.0	13120.1	165.0	-61.5	99.9	268.1	42.4	42.4	4.4	354.4	999.9	99.9	999.9
47.5	113.0	13372.9	161.0	-59.8	99.9	268.3	57.5	56.9	7.7	359.7	999.9	99.9	999.9
48.1	114.0	13530.4	157.0	-58.4	99.9	268.5	58.5	58.3	8.0	363.7	999.9	99.9	999.9
48.7	115.0	13733.7	152.0	-58.4	99.9	268.3	43.6	43.4	3.6	369.6	999.9	99.9	999.9
49.3	116.0	13931.1	148.0	-59.1	99.9	268.3	46.7	46.6	0.2	371.0	999.9	99.9	999.9
49.9	117.0	14226.1	145.0	-60.4	99.9	268.7	54.9	54.9	4.3	374.7	999.9	99.9	999.9
50.5	118.0	14531.1	141.0	-61.3	99.9	273.1	59.4	59.1	4.7	377.9	999.9	99.9	999.9
51.2	119.0	14814.4	137.0	-62.0	99.9	283.1	54.2	53.7	8.9	377.9	999.9	99.9	999.9
51.8	120.0	15064.3	133.0	-62.8	99.9	283.4	38.5	37.4	-3.2	384.7	999.9	99.9	999.9
52.3	121.0	15322.5	129.0	-62.8	99.9	286.1	29.5	28.4	-5.0	382.6	999.9	99.9	999.9
52.9	122.0	15597.6	125.0	-63.5	99.9	273.0	36.2	35.8	-2.3	394.7	999.9	99.9	999.9
53.4	123.0	15896.0	122.0	-63.5	99.9	273.0	43.1	43.1	-1.0	397.7	999.9	99.9	999.9
54.0	124.0	16243.6	119.0	-64.2	99.9	271.5	37.8	36.1	0.5	394.4	999.9	99.9	999.9
54.6	125.0	16534.1	115.0	-65.3	99.9	269.1	36.1	35.1	1.4	391.4	999.9	99.9	999.9
55.3	126.0	16819.5	112.0	-66.1	99.9	267.4	30.8	30.7	1.3	394.2	999.9	99.9	999.9
55.9	127.0	17149.5	108.0	-66.3	99.9	257.0	24.7	24.7	-0.9	398.2	999.9	99.9	999.9
56.6	128.0	17511.3	105.0	-65.9	99.9	271.7	31.8	31.8	-5.3	402.6	999.9	99.9	999.9
57.2	129.0	17817.1	102.0	-65.9	99.9	273.3	36.9	36.5	-8.2	405.4	999.9	99.9	999.9
57.8	130.0	18343.6	99.0	-65.9	99.9	285.8	36.1	29.0	-7.8	407.3	999.9	99.9	999.9
58.4	131.0	18619.4	95.0	-67.3	99.9	289.7	16.2	14.2	-6.3	409.9	999.9	99.9	999.9
59.0	132.0	18913.5	92.0	-67.3	99.9	289.2	13.3	17.1	-5.5	411.1	999.9	99.9	999.9
59.7	133.0	19131.1	89.0	-67.9	99.9	289.3	31.0	30.5	-4.6	418.4	999.9	99.9	999.9
60.4	134.0	19319.0	86.0	-68.4	99.9	279.4	28.3	27.9	-1.4	426.0	999.9	99.9	999.9
61.0	135.0	19542.3	83.0	-67.7	99.9	273.3	25.9	24.9	3.9	430.3	999.9	99.9	999.9
61.7	136.0	19754.6	80.0	-66.3	99.9	253.8	36.4	36.4	3.8	434.8	999.9	99.9	999.9
62.5	137.0	19966.1	77.0	-66.5	99.9	253.8	19.3	18.9	2.6	438.7	999.9	99.9	999.9
63.3	138.0	18126.6	74.0	-66.7	99.9	261.7	19.4	19.4	2.2	444.4	999.9	99.9	999.9
64.1	139.0	18292.3	72.0	-66.7	99.9	265.1	25.8	25.7	2.2				
64.8	140.0	18549.9	69.0	-66.3	99.9	265.1	25.8	25.7	2.2				

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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OF POOR QUALITY

Table 5. Continued.

STATION NO. 229 CENTERVILLE, ALABAMA													
10 APRIL 1979													
1100 GMT													
TIME MIN	CHCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PCT T DG K	E POT T DG K	WIND CM/SEC	WIND M/SEC
65.7	141.0	18219.8	66.0	-65.5	99.9	268.8	28.88	26.8	0.6	451.9	999.9	99.9	999.9
66.6	142.0	18102.8	63.0	-65.5	99.9	273.4	25.18	25.1	-1.5	457.9	999.9	99.9	999.9
67.4	143.0	18299.5	61.0	-64.5	99.9	265.5	13.28	12.7	-3.5	464.4	999.9	99.9	999.9
68.3	144.0	18238.5	58.0	-63.5	99.9	285.7	17.28	16.5	-6.7	473.3	999.9	99.9	999.9
69.3	145.0	18335.8	55.0	-62.0	99.9	274.3	28.68	28.4	-2.1	486.0	999.9	99.9	999.9
70.2	146.0	20165.5	53.0	-60.7	99.9	267.9	28.08	23.9	3.9	492.1	999.9	99.9	999.9
71.2	147.0	25275.3	50.0	-60.5	99.9	273.2	18.68	16.6	-3.9	503.5	999.9	99.9	999.9
72.2	148.0	25615.0	47.0	-59.0	99.9	293.2	10.48	9.6	-4.1	513.6	999.9	99.9	999.9
73.6	149.0	21169.5	45.0	-57.8	99.9	311.1	6.78	5.1	-4.4	522.9	999.9	99.9	999.9
74.5	150.0	21127.0	42.0	-54.8	99.9	353.0	1.98	0.3	-1.9	545.8	999.9	99.9	999.9
75.7	151.0	21138.1	43.0	-56.1	99.9	255.3	18.68	16.1	4.1	541.1	999.9	99.9	999.9
76.3	152.0	22835.0	37.0	-52.1	99.9	263.2	17.9	17.9	3.6	556.9	999.9	99.9	999.9
78.3	153.0	22793.5	35.0	-54.4	99.9	252.5	27.2	25.2	8.2	570.5	999.9	99.9	999.9
79.7	154.0	23347.3	32.0	-52.4	99.9	82.6	5.9	-5.8	-0.8	550.9	999.9	99.9	999.9
81.1	155.0	23750.8	30.0	-53.1	99.9	453.2	12.0	12.1	3.7	605.2	999.9	99.9	999.9
82.7	156.0	24478.0	27.0	-49.3	99.9	265.8	20.3	20.3	1.5	631.8	999.9	99.9	999.9
84.0	157.0	25258.1	24.0	-45.8	99.9	283.6	36.1	33.1	-8.0	650.6	999.9	99.9	999.9
86.5	158.0	25235.8	22.0	-44.8	99.9	293.1	18.6	15.6	-5.7	650.3	999.9	99.9	999.9
87.7	159.0	25319.4	19.0	-44.8	99.9	272.2	16.0	16.2	-0.6	709.4	999.9	99.9	999.9
91.1	163.0	27572.0	17.0	-31.5	99.9	593.9	49.9	99.9	99.9	743.3	999.9	99.9	999.9

155 17. 0

RANGE

AZ

DG

Table 6. Explanation of column headings of tabulated sounding data for the AVE-SESAME I experiment.

TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew-point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is between 10° and 6°. A double asterisk indicates that the elevation angle is less than 6°.
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E POT T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX RTO (GM/KG)	Mixing ratio in grams per kilogram.
RH (PCT)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

Table 7. Soundings missing or terminated before completion (100 mb).

Station	Date/GMT	Reason	Last Pressure Coded (mb)
Abilene, Tx. (001)	4/10: 15	Fading signal.	110
	4/10: 18	Sounding terminated early by operator.	117
	4/10: 21	Fading signal.	511
	4/11: 03	Lost signal.	159
	4/11: 06	5 min. of data; no 2nd release.	
	4/11: 09	Fading signal.	126
	4/11: 12	Fading signal.	204
Bartlesville, Ok. (002)	4/10: 15	Balloon burst.	160
	4/10: 21	Balloon burst.	513
	4/11: 03	Lost signal.	345
	4/11: 09	Sounding not launched because of TRW+.	
	4/11: 12	Site closed down early.	
Columbia, Mo. (003)	4/10: 12	Lost signal.	225
	4/10: 15	Contact arm touched shorting wire too soon.	109
	4/10: 21	Contact arm touched shorting wire too soon.	141
	4/11: 09	Unable to release because of high surface winds.	
Childress, Tx. (004)	4/10: 18	Transmitter failure.	501
	4/10: 21	Critical angle.	177
	4/11: 00	Critical angle.	286
	4/11: 03	Critical angle.	315
	4/11: 06	Critical angle.	291
	4/11: 09	Critical angle.	304
College Station, Tx. (005)	4/10: 12	Equipment failure.	
	4/10: 15	Equipment failure.	
	4/10: 18	Equipment failure.	
	4/11: 03	Fading signal due to low angles.	147
	4/11: 06	Equipment failure.	
Concordia, Ks. (006)	4/10: 15	Lost signal; Possibly on side lobe.	487
	4/10: 18	Fading signal; possibly on side lobe.	115
	4/10: 21	Fading signal, pen arm shift.	389
	4/11: 03	Equipment failure.	712

Table 7. Continued.

Station	Date/GMT	Reason	Last Pressure Coded (mb)
	4/11: 09	Lost signal.	377
	4/11: 12	Signal stuck on temperature trace.	112
Durant, Ok. (007)	4/10: 12	Lost signal.	234
	4/10: 15	Sounding terminated early by operator.	102
	4/10: 21	Equipment failure; contact bar stuck.	120
	4/11: 03	Balloon burst.	197
	4/11: 09	Equipment failure.	481
	4/11: 12	Site closed down early.	
Fort Smith, Ar. (008)	4/10: 12	Equipment failure.	
	4/10: 15	Doubtful (erratic) data.	630
	4/10: 18	Sounding terminated early by operator.	155
	4/10: 21	Fading signal.	161
	4/11: 00	Sounding terminated early by operator.	105
	4/11: 03	Fading signal.	111
	4/11: 09	Contact arm touched shorting wire too soon.	106
	4/11: 12	Possible lightning strike on radiosonde.	407
Gage, Ok. (009)	4/10: 15	Sounding terminated early by operator.	110
	4/11: 03	Fading signal.	146
	4/11: 09	Lost signal.	173
	4/11: 12	Sounding terminated early by operator.	106
Goodland, Ks. (010)	4/10: 15	Sounding terminated early by operator.	106
	4/11: 00	Sounding terminated early by operator.	101
	4/11: 03	Sounding terminated early by operator.	118
	4/11: 12	Sounding terminated early by operator.	101
Wichita, Ks. (011)		All soundings missing because no personnel available.	
Junction, Tx. (012)	4/11: 00	Balloon burst.	712
	4/11: 12	Lost signal.	190

Table 7. Continued.

Station	Date/GMT	Reason	Last Pressure Coded (mb)
Monroe, La. (013)	4/11: 00	Fading signal.	109
	4/11: 03	Lost signal.	171
	4/11: 06	Coder failed to record last contact.	
	4/11: 12	Coder failed to record last contact.	
Marfa, Tx. (014)	4/10: 12	Fading signal.	137
	4/10: 15	Sounding terminated early by operator.	224
	4/10: 21	Sounding missing due to high surface winds (+50 kts).	
	4/11: 03	Lost signal.	146
	4/11: 06	Lost signal.	145
	4/11: 09	Lost signal.	138
	4/11: 12	Lost signal.	171
Morton, Tx. (015)	4/10: 15	Coder failed to record last contact.	102
	4/11: 00	Sounding missing because of high surface winds.	
	4/11: 09	Sounding terminated early by operator.	108
Ottumwa, Ia. (016)		All soundings missing because no personnel available.	
Poplar Bluff, Mo. (017)		All soundings missing because no personnel available.	
Raton, N.M. (018)	4/10: 12	Sounding terminated early by operator.	103
	4/11: 09	Sounding missing due to high surface winds.	
Oxford, Ms. (019)	4/10: 12	Fading signal.	189
	4/10: 15	Fading signal.	161
	4/10: 18	Fading signal.	196
	4/10: 21	Sounding terminated because antenna was on a side lobe.	608
	4/11: 00	Fading signal.	327

Table 7. Continued.

Station	Date/GMT	Reason	Last Pressure Coded (mb)
Stephenville, Tx. (259)	4/10: 21	Equipment failure.	260
	4/11: 00	Equipment failure.	346
	4/11: 03	Equipment failure.	171
	4/11: 06	Equipment failure.	398
	4/11: 09	Equipment failure.	143
	4/11: 12	Equipment failure.	141
El Paso, Tx. (270)	4/11: 00	Power failure.	241
Nashville, Tn. (327)	4/10: 12	Radiosonde failure.	362
	4/10: 03	Radiosonde failure.	150
Little Rock, Ar. (340)	4/11: 09	Balloon burst.	107
Oklahoma City, Ok. (354)	4/11: 00	Radiosonde failure.	282
Denver, Co. (469)	4/11: 12	Balloon burst.	112
Peoria, Il. (532)	4/11: 03	Radiosonde failure.	497
Omaha, Nb. (553)	4/11: 00	Leaking balloon.	349

computations of geopotential height. A list of these soundings along with an explanation of the questionable data for each sounding are included in Table 8. These soundings interpolated for 25-mb intervals are presented in Appendix II. These soundings should be carefully considered before use. It should be noted that calculations of wind velocity from soundings which contain inaccurate geopotential heights are subject to error (Fuelberg, 1974). All other soundings which contain data of high quality are presented in Appendix I.

Table 9 contains a list of soundings that experienced rather large variations in balloon rise rate. The identification of these soundings is somewhat arbitrary but based on variations in the number of pressure contacts per min. These soundings may have been made in or near thunderstorms. Caution should be exercised in their use.

Table 8. List of soundings with questionable geopotential heights.

Station	Date/Time (GMT)	Questionable Data
Lake Charles, La. (240)	11/0600	Heights 35 m low at 500 mb; 55 m low at 200 mb; accuracy of base-line calibrations suspected.
Stephenville, Tx. (260)	11/0000	Heights 20 m high at 850 mb; 30 m high at 500 mb.
Bartlesville, Ok. (002)	10/1200	Heights 20 m low at 500 mb; 45 m low at 200 mb.
Bartlesville, Ok. (002)	10/1800	Heights 15 m low at 850 mb.
Fort Smith, Ar. (008)	10/2100	Heights 20 m low at 850 mb; 22 m low at 500 mb, 35 m low at 200 mb.
Fort Smith, Ar. (008)	11/1200	Heights 93 m high at 500 mb; this sounding entered a thunderstorm.
Gage, Ok. (009)		All heights calculated at Gage, Oklahoma appear to contain a bias which results in heights that are too high.

Table 8. Continued.

Station	Date/Time (GMT)	Questionable Data
Gage, Ok. (009)	10/1200	Heights 20 m high at 850 mb.
Gage, Ok. (009)	10/1500	Heights 23 m high at 850 mb; 19 m high at 500 mb; 31 m high at 200 mb.
Gage, Ok. (009)	10/1800	Heights 12 m high at 850 mb; 13 m high at 500 mb; 16 m high at 200 mb.
Gage, Ok. (009)	10/2100	Heights 22 m high at 500 mb; 74 m high at 200 mb.
Gage, Ok. (009)	11/0000	Heights 18 m high at 850 mb.
Gage, Ok. (009)	11/0300	Heights 18 m high at 850 mb; 29 m high at 500 mb; 60 m high at 200 mb.
Gage, Ok. (009)	11/0600	Heights 14 m high at 850 mb; 27 m high at 500 mb; 37 m high at 200 mb.
Gage, Ok. (009)	11/0900	Heights 9 m high at 850 mb; 17 m high at 500 mb; 33 m high at 200 mb.
Gage, Ok. (009)	11/1200	Heights 17 m high at 500 mb.
Goodland, Ks. (010)	10/1200	Heights 20 m low at 500 mb; 20 m low at 200 mb.

Table 9. Soundings with variations in balloon rise rate.

Station	Date/GMT
Abilene, Tx. (001)	4/11: 13
Bartlesville, Ok. (002)	4/11: 03 4/11: 06
Childress, Tx. (004)	4/10: 21
Durant, Ok. (007)	4/11: 09
Fort Smith, Ak. (008)	4/11: 12
Junction, Tx. (012)	4/11: 09
Monett, Mo. (349)	4/11: 06
Oklahoma City, Ok. (353)	4/11: 00 4/11: 06
Albuquerque, NM. (365)	4/10: 12
Salem, Il. (433)	4/11: 12
Dodge City, Ks. (451)	4/11: 00

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APPENDIX I

AVE-SESAME I Sounding Data
of Unquestionable Validity
Presented at 25-mb Intervals

STATION NO. 1
ABILENE, TEXAS

10 APRIL 1979
2333 GAT

TIME M/V	CNCT	HEIGHT GPM	PRES MB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RYO CM/KG	RH PCT	PANGE KM	AZ DG
00.3	130.7	537.0	933.0	27.3	24.4	170.0	11.4	2.0	11.2	304.5	320.9	4.9	22.0	0.0	0
00.7	32.9	99.9	1207.0	92.9	92.9	92.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.9	32.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.2	134.4	564.6	925.0	26.5	7.7	185.0	16.9	1.5	16.0	306.4	327.5	7.5	32.2	0.1	156
01.3	130.0	826.6	925.0	27.6	4.1	186.1	18.1	1.3	19.1	309.0	327.5	6.1	23.0	0.0	359
01.9	134.5	174.5	875.0	25.2	4.0	194.9	15.6	1.9	14.5	309.9	326.9	5.9	25.5	1.7	3
02.3	230.9	1327.5	853.0	21.9	1.9	191.7	16.3	3.3	14.0	309.1	324.2	4.2	24.6	2.7	5
02.4	234.4	1575.4	825.0	19.8	0.6	193.3	17.6	4.3	17.2	307.5	323.7	4.9	25.5	3.9	7
03.0	230.0	1843.1	805.0	17.7	-1.2	195.7	16.6	4.5	16.2	310.0	322.9	4.4	25.7	4.4	9
03.1	236.5	2119.1	775.0	15.0	-2.5	197.3	17.0	5.0	16.3	310.0	322.9	4.1	25.8	5.0	12
03.2	318.1	2305.1	755.0	12.6	-4.9	202.5	18.4	7.1	16.9	310.3	320.3	3.5	29.1	7.0	12
03.4	334.4	2579.3	725.0	9.9	-6.2	202.5	18.8	9.3	15.4	310.3	320.3	3.3	31.7	8.1	13
03.5	324.4	2559.5	705.0	7.2	-7.3	219.2	18.2	11.5	14.1	310.5	319.9	3.2	34.0	9.2	14
03.6	324.2	3264.3	675.0	4.6	-9.4	223.2	17.6	12.4	12.8	310.8	319.9	3.0	36.7	12.3	15
03.9	424.3	3572.2	655.0	1.9	-11.8	232.1	17.5	13.6	10.9	311.0	319.3	2.4	35.7	11.6	23
04.0	448.9	3497.2	625.0	-0.9	-15.4	236.6	18.5	15.1	10.7	311.5	318.7	1.9	37.3	12.7	25
04.3	477.7	4211.4	605.0	-3.9	-17.4	236.6	24.6	19.6	15.0	311.5	318.7	1.6	38.1	14.3	29
04.4	534.5	4545.4	575.0	-7.1	-19.8	236.3	30.9	28.4	23.5	311.7	318.4	1.5	38.4	16.2	31
04.5	534.0	4590.4	555.0	-9.6	-22.2	235.4	36.0	29.6	20.4	312.4	318.5	1.2	38.8	18.5	34
04.6	504.4	5243.5	525.0	-11.8	-25.2	241.6	33.9	29.8	16.1	314.3	317.4	0.9	31.8	20.6	37
04.7	504.4	5623.4	505.0	-13.1	-31.0	236.9	35.8	30.7	19.5	317.1	316.0	0.6	20.5	23.7	40
04.8	534.1	5017.6	475.0	-14.8	-36.5	236.8	37.4	30.5	21.5	319.7	320.9	0.3	13.6	27.9	43
04.9	554.4	5417.3	455.0	-15.4	-37.5	236.5	38.8	32.7	21.9	320.1	321.2	0.3	15.6	32.5	46
05.0	544.3	5941.5	425.0	-18.2	-42.5	234.9	38.4	31.4	22.1	321.4	322.6	0.2	15.7	39.6	49
05.1	734.4	7295.4	405.0	-20.3	-43.3	232.2	34.8	27.2	21.1	322.1	323.1	0.2	15.6	42.7	52
05.2	774.1	7749.0	375.0	-22.6	-45.9	230.6	34.8	26.7	22.0	322.1	323.1	0.2	15.6	42.7	55
05.3	774.1	8237.0	355.0	-24.9	-48.7	228.6	36.2	26.4	20.2	323.0	323.5	0.1	20.7	49.4	57
05.4	774.1	8752.2	325.0	-29.4	-51.4	228.5	26.5	19.7	17.7	323.0	323.5	0.1	20.7	49.4	57
05.5	774.1	9275.0	305.0	-33.3	-54.9	228.5	28.0	20.5	19.2	324.3	324.7	0.1	20.7	49.4	57
05.6	774.1	9777.1	275.0	-37.3	-57.9	228.8	30.8	20.8	22.4	326.7	326.9	0.1	20.7	49.4	57
05.7	774.1	10273.4	255.0	-40.1	-60.9	228.8	35.4	23.1	26.4	331.7	331.7	0.1	20.7	49.4	57
05.8	774.1	10773.4	235.0	-43.1	-63.9	228.3	38.7	27.0	27.7	336.2	336.2	0.1	20.7	49.4	57
05.9	774.1	11273.4	215.0	-45.4	-65.9	228.1	48.8	35.2	33.9	348.2	348.2	0.1	20.7	49.4	57
06.0	774.1	11773.4	195.0	-47.2	-67.2	227.9	39.1	28.9	26.3	362.2	362.2	0.1	20.7	49.4	57
06.1	774.1	12273.4	175.0	-49.4	-69.9	227.9	39.9	99.9	99.9	374.6	374.6	99.9	99.9	99.9	99.9
06.2	774.1	12773.4	155.0	-51.4	-71.9	227.9	39.9	99.9	99.9	385.7	385.7	99.9	99.9	99.9	99.9
06.3	774.1	13273.4	135.0	-53.4	-73.9	227.9	39.9	99.9	99.9	399.9	399.9	99.9	99.9	99.9	99.9
06.4	774.1	13773.4	115.0	-55.4	-75.9	227.9	39.9	99.9	99.9	414.3	414.3	99.9	99.9	99.9	99.9
06.5	774.1	14273.4	95.0	-57.4	-77.9	227.9	39.9	99.9	99.9	429.7	429.7	99.9	99.9	99.9	99.9
06.6	774.1	14773.4	75.0	-59.4	-79.9	227.9	39.9	99.9	99.9	445.1	445.1	99.9	99.9	99.9	99.9
06.7	774.1	15273.4	55.0	-61.4	-81.9	227.9	39.9	99.9	99.9	460.5	460.5	99.9	99.9	99.9	99.9
06.8	774.1	15773.4	35.0	-63.4	-83.9	227.9	39.9	99.9	99.9	475.9	475.9	99.9	99.9	99.9	99.9
06.9	774.1	16273.4	15.0	-65.4	-85.9	227.9	39.9	99.9	99.9	491.3	491.3	99.9	99.9	99.9	99.9
07.0	774.1	16773.4	0.0	-67.4	-87.9	227.9	39.9	99.9	99.9	506.7	506.7	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 1
ABILENE, TEXAS
11 APRIL 1979
806 GMT

TIME MIN	CUTCY	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	PM PCY	RANGE KM	AZ DG
00	12.4	537.0	936.2	16.6	5.6	290.0	5.1	5.0	-0.9	295.3	311.9	6.1	48.0	2.2	0
01	92.9	92.9	1270.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	92.9	92.9	975.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	92.9	92.9	975.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	13.4	639.3	925.0	17.0	4.4	299.8	13.6	13.0	-4.7	296.7	312.3	5.7	41.1	2.1	112
05	13.4	973.0	903.0	16.4	-2.3	297.0	12.6	12.0	-3.7	298.4	309.6	3.6	27.9	0.5	111
06	13.4	1111.4	975.0	14.1	-4.3	280.8	14.3	14.0	-2.7	298.5	309.6	3.2	27.6	1.3	137
07	13.4	1755.1	950.0	12.4	-5.9	279.8	14.2	14.0	-2.4	299.1	309.6	3.1	29.6	2.2	134
08	13.4	1624.5	925.0	10.6	-5.1	276.6	11.7	11.6	-1.3	299.9	309.6	3.2	32.8	2.7	133
09	13.4	1453.2	903.0	8.9	-5.7	266.7	12.7	12.7	0.7	302.6	309.6	3.1	35.1	3.4	131
10	13.4	2122.9	775.0	8.0	-7.3	262.9	12.1	12.0	1.5	302.4	310.7	2.9	33.0	4.3	93
11	13.4	2191.4	775.0	5.8	-8.0	251.8	6.8	6.0	3.2	302.9	310.6	2.6	33.7	4.9	93
12	13.4	2069.4	725.0	4.4	-8.0	205.2	9.3	3.9	5.4	304.5	314.4	3.4	44.1	5.1	92
13	13.4	2354.5	700.0	3.7	-8.7	202.5	15.4	5.9	14.2	305.6	319.5	4.5	62.8	5.4	86
14	13.4	3249.2	675.0	1.8	-1.9	198.4	18.9	6.0	17.9	307.7	322.0	4.9	76.0	5.9	76
15	13.4	3452.9	650.0	-0.5	-1.9	198.4	24.0	7.4	22.8	308.4	323.9	5.3	93.9	6.7	66
16	13.4	3452.9	625.0	-1.7	-4.2	202.0	29.2	11.0	27.1	310.5	321.9	3.8	71.2	8.2	54
17	13.4	4124.1	625.0	-4.0	-6.7	233.3	30.6	11.1	24.1	311.5	321.4	3.3	69.9	10.1	49
18	13.4	4524.4	575.0	-6.8	-12.3	202.3	30.9	11.8	24.6	312.0	319.9	2.6	64.7	12.2	44
19	13.4	4900.1	550.0	-9.3	-20.3	203.3	32.3	12.7	29.7	313.0	317.5	1.4	43.5	14.5	41
20	13.4	5229.6	525.0	-11.1	-31.6	204.2	31.0	12.7	28.3	315.2	316.6	0.4	13.4	16.8	39
21	13.4	5621.1	500.0	-14.2	-38.7	209.3	32.5	15.9	28.3	315.8	317.4	0.3	10.5	19.3	37
22	13.4	5947.9	475.0	-17.3	-41.3	211.6	32.4	17.0	27.6	316.6	317.4	0.2	10.2	21.4	36
23	13.4	6393.6	450.0	-20.5	-45.8	212.4	33.0	17.7	27.9	317.4	317.9	0.1	8.3	23.9	34
24	13.4	6813.4	425.0	-22.9	-48.4	210.2	60.7	38.5	52.5	319.3	318.7	0.1	8.3	24.1	33
25	13.4	7253.1	400.0	-27.5	-51.0	209.2	46.2	23.5	40.4	319.3	319.6	0.1	8.3	24.1	33
26	13.4	7713.3	375.0	-31.9	-53.1	213.0	43.8	23.5	36.2	319.4	319.4	0.1	10.1	24.1	33
27	13.4	8134.3	350.0	-35.1	-55.9	215.0	51.7	28.7	42.4	321.4	321.6	0.1	9.0	24.1	33
28	13.4	8594.1	325.0	-37.9	-57.6	217.3	47.6	28.9	37.9	324.5	324.7	0.0	12.4	24.1	33
29	13.4	9094.1	300.0	-42.4	-60.9	219.5	43.6	27.2	34.1	325.4	325.4	0.0	12.4	24.1	33
30	13.4	9594.1	275.0	-46.8	-64.9	218.7	42.2	26.4	32.9	327.4	327.4	0.0	12.4	24.1	33
31	13.4	10094.1	250.0	-51.2	-68.9	218.0	48.7	26.4	30.4	329.4	329.4	0.0	12.4	24.1	33
32	13.4	10594.1	225.0	-55.8	-72.9	218.3	48.1	26.4	30.4	332.4	332.4	0.0	12.4	24.1	33
33	13.4	11094.1	200.0	-59.3	-76.9	217.0	58.5	35.2	46.7	334.4	334.4	0.0	12.4	24.1	33
34	13.4	11594.1	175.0	-62.9	-80.9	216.8	53.0	31.8	42.4	333.4	333.4	0.0	12.4	24.1	33
35	13.4	12094.1	150.0	-65.5	-84.9	216.8	53.0	31.8	42.4	333.4	333.4	0.0	12.4	24.1	33
36	13.4	12594.1	125.0	-69.6	-88.9	216.8	53.0	31.8	42.4	333.4	333.4	0.0	12.4	24.1	33
37	13.4	13094.1	100.0	-73.6	-92.9	216.8	53.0	31.8	42.4	333.4	333.4	0.0	12.4	24.1	33
38	13.4	13594.1	75.0	-77.6	-96.9	216.8	53.0	31.8	42.4	333.4	333.4	0.0	12.4	24.1	33
39	13.4	14094.1	50.0	-81.6	-100.9	216.8	53.0	31.8	42.4	333.4	333.4	0.0	12.4	24.1	33
40	13.4	14594.1	25.0	-85.6	-104.9	216.8	53.0	31.8	42.4	333.4	333.4	0.0	12.4	24.1	33

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 2
BARTLESVILLE, OKLAHOMA

10 APRIL 1979
1415 GMT

TIME WV	CNTCT	HEIGHT GDM	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RY GMS/KG	RM PCY	104 105.0 0
3.3	3.2	200.0	972.5	11.4	7.9	999.9	99.9	99.9	99.9	296.8	376.7	0.9	72.9	999.9 999.9
3.3	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9 999.9
3.5	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9 999.9
3.5	11.4	491.2	953.0	8.7	6.9	999.9	999.9	99.9	99.9	296.8	303.1	0.9	99.9	999.9 999.9
3.5	13.7	701.6	925.0	6.4	6.4	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
2.3	16.0	926.7	903.0	6.4	6.0	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
3.3	16.4	1159.1	903.0	7.0	6.0	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
4.1	20.9	1398.2	852.0	9.6	9.2	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
5.1	23.2	1665.9	825.0	7.4	5.7	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
5.1	23.7	1499.5	870.0	6.3	5.2	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
7.1	29.1	2153.9	775.0	3.6	0.6	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
9.2	30.7	2425.2	750.0	3.2	-2.3	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
9.2	33.2	2499.5	725.0	1.5	-2.3	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
13.1	35.6	2981.6	702.0	0.1	-7.6	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
11.1	35.4	3272.1	675.0	-2.0	-12.4	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
13.4	43.7	3979.9	625.0	-4.1	-14.4	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
14.3	45.7	4199.7	600.0	-6.8	-16.3	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
15.6	49.5	4535.7	575.0	-8.6	-18.3	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
15.8	52.6	4973.4	550.0	-11.5	-23.0	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
13.1	55.6	5229.2	525.0	-14.3	-25.6	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
17.4	56.9	5597.1	500.0	-16.3	-29.2	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
23.6	61.9	5940.9	475.0	-19.2	-36.1	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
23.3	63.1	6380.6	450.0	-22.6	-38.1	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
23.3	69.4	6797.4	425.0	-25.8	-44.7	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
24.9	71.9	7233.7	400.0	-29.4	-51.1	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
25.4	75.4	7690.6	375.0	-33.4	-54.7	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
27.6	79.3	8170.9	350.0	-37.4	-58.5	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
28.6	83.2	8679.7	325.0	-41.0	-62.9	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
31.3	97.3	9217.7	300.0	-45.3	-66.9	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
33.1	91.7	7793.2	275.0	-49.4	-70.9	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
33.2	95.2	10414.2	250.0	-50.0	-73.4	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
37.4	131.9	11099.7	225.0	-53.6	-77.9	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
33.9	136.2	11833.1	200.0	-55.2	-80.9	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
42.9	112.0	12702.1	175.0	-55.2	-80.9	999.9	999.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
33.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
33.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
33.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
33.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
33.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9
33.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	296.8	333.3	0.9	99.9	999.9 999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI
10 APRIL 1979
113: GMT

TIME MIN	CNTCT	HEIGHT GMS	WRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WIND GMS/KG	RM PCT	RANGE KM	AZ DG
00.0	00.0	253.0	994.1	00.0	-1.4	110.0	5.1	-6.4	1.7	274.4	253.4	99.9	90.0	0.0	00
00.1	00.0	253.0	1072.0	00.0	00.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
00.2	00.0	327.7	975.0	00.0	-1.5	128.0	13.2	-10.2	0.3	275.6	246.6	3.5	90.5	0.1	40
00.3	00.4	534.4	950.0	00.0	-2.0	130.0	13.0	-10.8	0.5	275.9	245.4	3.5	90.0	0.4	320
00.4	00.0	75.0	925.0	-0.1	-2.5	134.2	11.4	-7.0	0.2	274.2	247.2	3.4	90.9	1.1	310
00.5	00.0	925.0	925.0	-0.1	-1.3	160.7	6.7	-2.0	0.3	281.2	261.4	3.0	73.2	1.6	310
00.6	00.0	1170.5	975.0	2.6	-10.3	221.1	4.2	2.0	3.2	287.5	253.6	2.2	39.1	1.7	320
00.7	00.0	1432.2	950.0	4.7	-20.6	213.9	4.9	2.7	4.1	291.1	251.7	0.9	17.9	1.7	310
00.8	00.0	1478.9	925.0	4.0	-20.4	209.0	6.4	3.2	5.6	292.4	245.5	0.9	14.7	1.7	310
00.9	00.0	1924.6	900.0	3.2	-14.1	202.9	8.5	4.2	7.4	294.6	248.6	1.4	22.6	2.2	340
01.0	00.0	2141.3	750.0	2.0	-15.0	205.9	9.1	4.4	7.9	295.9	300.5	1.5	27.1	2.4	350
01.1	00.0	2445.7	750.0	2.0	-15.6	198.1	7.8	2.4	7.4	297.5	322.0	1.5	28.0	3.1	10
01.2	00.0	2717.7	725.0	1.7	-22.9	170.3	7.2	-0.1	7.2	301.1	317.3	0.9	14.2	3.5	10
01.3	00.0	3005.2	700.0	1.4	-17.1	151.4	8.4	0.2	8.4	304.0	317.3	1.2	27.4	4.0	10
01.4	00.0	3202.4	675.0	-3.1	-19.5	151.4	9.9	2.0	9.5	305.4	319.7	1.3	23.6	4.5	20
01.5	00.0	3525.9	650.0	-3.0	-17.3	159.4	11.2	3.5	10.5	305.6	310.3	1.5	31.0	5.1	30
01.6	00.0	3802.3	625.0	-5.4	-14.2	166.4	10.9	3.1	10.4	306.3	310.0	1.5	31.7	5.9	50
01.7	00.0	4271.2	600.0	-7.4	-24.4	191.0	11.1	2.1	12.9	307.1	319.9	0.9	24.9	6.5	60
01.8	00.0	4557.3	575.0	-10.2	-25.5	194.2	11.4	1.4	11.3	307.7	319.2	0.9	25.7	7.3	40
01.9	00.0	4907.9	550.0	-12.7	-25.1	186.8	13.9	1.7	13.6	311.3	311.9	0.9	36.9	9.4	70
02.0	00.0	5243.9	525.0	-15.0	-24.1	185.1	16.5	1.5	15.4	307.3	312.3	0.9	40.0	9.4	60
02.1	00.0	5607.6	500.0	-16.1	-19.5	191.2	19.6	3.9	15.4	311.8	314.2	1.6	95.9	11.0	50
02.2	00.0	5922.5	475.0	-14.9	-19.5	199.0	21.9	6.9	19.9	313.9	319.3	1.7	120.4	12.7	90
02.3	00.0	6324.9	450.0	-27.2	-22.6	206.3	19.1	8.5	17.1	315.0	319.4	1.4	99.9	14.3	90
02.4	00.0	6703.9	425.0	-25.4	-23.9	204.8	19.5	9.2	17.7	315.2	319.9	0.9	73.9	14.3	110
02.5	00.0	7245.5	400.0	-23.1	-29.9	203.2	19.5	7.7	19.0	317.1	318.2	0.9	37.7	17.3	130
02.6	00.0	7735.4	375.0	-33.2	-44.7	227.7	21.5	10.0	19.0	317.6	318.3	0.2	32.1	23.0	140
02.7	00.0	8123.7	350.0	-37.9	-45.6	209.7	24.9	12.4	21.7	317.7	318.1	0.1	31.1	25.3	150
02.8	00.0	8443.3	325.0	-42.0	-49.9	204.0	28.6	13.9	25.0	318.4	319.9	0.9	30.9	27.9	190
02.9	00.0	8722.5	300.0	-46.9	-49.9	206.0	28.5	12.5	25.4	318.4	319.9	0.9	30.9	27.9	190
03.0	00.0	9007.1	275.0	-51.4	-49.9	205.1	30.8	13.0	27.4	320.9	320.9	0.9	30.9	27.9	190
03.1	00.0	9241.5	250.0	-54.7	-49.9	99.9	99.9	99.9	99.9	324.7	324.7	0.9	30.9	27.9	190
03.2	00.0	9403.2	225.0	-55.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.3	00.0	9503.2	200.0	-56.1	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.4	00.0	9603.2	175.0	-56.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.5	00.0	9703.2	150.0	-56.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.6	00.0	9803.2	125.0	-56.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.7	00.0	9903.2	100.0	-56.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.8	00.0	10003.2	75.0	-56.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.9	00.0	10503.2	50.0	-56.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.0	00.0	11003.2	25.0	-56.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
0 BY TEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

10 APRIL 1979
1700 GMT

TIME MIN	CNTCT	HEIGHT GPM	WES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
3.0	9.1	253.0	93.4	5.4	3.9	80.0	7.7	-7.6	-1.3	282.9	293.9	4.1	59.0	0.3	0.
9.0	9.0	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	9.7	323.9	975.2	5.9	-0.7	99.9	9.9	99.9	99.9	282.1	291.9	3.7	58.1	99.9	99.9
3.7	13.8	456.5	950.0	5.0	-0.5	99.9	99.9	99.9	99.9	282.2	292.5	3.7	57.7	99.9	99.9
1.2	13.0	753.3	925.0	5.0	-1.1	99.9	99.9	99.9	99.9	292.4	293.1	3.8	74.5	99.9	99.9
2.3	15.2	974.5	970.0	5.4	-1.5	99.9	99.9	99.9	99.9	293.0	293.1	3.8	61.1	99.9	99.9
2.9	17.4	1204.3	975.0	5.8	-0.6	99.9	99.9	99.9	99.9	293.8	293.1	4.2	63.4	99.9	99.9
3.9	19.0	1441.1	953.0	4.5	-0.8	99.9	99.9	99.9	99.9	295.9	295.9	4.3	69.4	99.9	99.9
4.3	21.0	1634.1	825.0	3.4	-0.7	99.9	99.9	99.9	99.9	292.2	292.5	4.4	74.6	99.9	99.9
5.7	24.2	1933.7	820.0	2.9	-2.0	99.9	99.9	99.9	99.9	293.3	293.7	4.1	57.7	99.9	99.9
6.5	25.5	2191.3	775.0	2.5	-1.8	99.9	99.9	99.9	99.9	293.6	293.6	4.3	71.6	99.9	99.9
7.2	26.3	2456.3	750.0	1.5	-2.4	99.9	99.9	99.9	99.9	298.2	298.2	4.3	75.2	99.9	99.9
8.0	31.3	2729.2	725.0	0.4	-4.5	99.9	99.9	99.9	99.9	300.9	300.9	4.1	69.9	99.9	99.9
9.0	33.7	3010.3	700.0	-1.4	-3.9	222.5	11.1	7.5	8.2	302.9	302.6	4.1	43.4	4.2	11.
1.7	35.2	3299.6	675.0	-2.3	-4.2	226.2	12.6	9.8	9.4	302.0	302.0	4.2	95.0	4.2	14.
11.3	41.7	3507.5	650.0	-5.3	-11.7	227.5	12.0	11.4	11.2	303.0	303.0	3.9	97.2	5.7	21.
12.5	41.3	3684.9	625.0	-8.6	-11.7	227.5	12.0	11.9	11.3	303.7	303.7	2.6	69.5	5.7	25.
14.3	43.6	4222.5	600.0	-9.0	-23.0	235.4	14.6	12.0	8.3	305.7	305.7	1.2	34.0	7.7	29.
15.2	45.6	4552.2	575.0	-9.0	-23.7	239.4	14.5	12.4	7.6	305.5	305.5	0.6	19.5	9.6	32.
15.4	49.3	4904.9	550.0	-11.4	-29.9	235.2	15.9	13.1	9.1	310.6	310.6	0.6	19.9	9.6	35.
17.6	52.1	5249.7	525.0	-14.2	-37.6	232.4	16.9	13.4	10.3	311.1	311.1	0.4	17.4	10.9	37.
19.3	55.0	5617.6	500.0	-17.2	-36.6	234.2	16.9	13.7	9.9	312.0	312.0	0.3	15.6	12.9	39.
23.2	57.9	5939.9	475.0	-20.3	-37.4	236.5	16.5	15.4	10.2	312.5	312.5	0.3	13.9	13.3	40.
21.6	61.0	5397.4	450.0	-23.3	-40.0	237.5	16.5	17.7	11.3	313.0	313.0	0.3	13.9	13.3	40.
22.9	56.0	5913.1	425.0	-26.8	-42.4	241.0	22.9	20.1	11.3	313.7	313.7	0.2	23.9	15.5	44.
24.4	67.3	7267.7	400.0	-30.1	-47.2	241.7	22.3	22.3	12.0	315.7	315.7	0.2	25.9	15.5	46.
25.9	70.4	7703.2	375.0	-34.2	-49.1	245.3	25.5	23.2	10.7	316.3	316.3	0.2	28.7	20.8	48.
27.5	74.0	8131.4	350.0	-38.5	-52.3	245.4	21.4	24.9	11.4	316.9	316.9	0.1	27.2	23.2	50.
28.3	77.7	8555.9	325.0	-43.0	-59.9	99.9	99.9	99.9	99.9	317.4	317.4	99.9	99.9	25.9	51.
31.1	91.4	9220.9	300.0	-46.6	99.9	99.9	99.9	99.9	99.9	317.6	317.6	99.9	99.9	99.9	99.9
33.3	85.3	9732.7	275.0	-50.3	99.9	99.9	99.9	99.9	99.9	322.3	322.3	99.9	99.9	99.9	99.9
35.1	92.4	10411.1	250.0	-52.5	99.9	99.9	99.9	99.9	99.9	323.0	323.0	99.9	99.9	99.9	99.9
37.3	93.9	11039.9	225.0	-52.3	99.9	99.9	99.9	99.9	99.9	323.3	323.3	99.9	99.9	99.9	99.9
39.6	93.5	11844.6	200.0	-56.7	99.9	99.9	99.9	99.9	99.9	343.1	343.1	99.9	99.9	99.9	99.9
42.2	103.6	12457.0	175.0	-55.8	99.9	99.9	99.9	99.9	99.9	351.3	351.3	99.9	99.9	99.9	99.9
43.2	109.2	13647.3	150.0	-60.0	99.9	99.9	99.9	99.9	99.9	366.7	366.7	99.9	99.9	99.9	99.9
49.1	115.3	14797.9	125.0	-56.1	99.9	99.9	99.9	99.9	99.9	386.6	386.6	99.9	99.9	99.9	99.9
53.7	122.3	16185.2	100.0	-61.3	99.9	99.9	99.9	99.9	99.9	409.4	409.4	99.9	99.9	99.9	99.9
59.9	99.9	99.9	75.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI

10 APRIL 1979
2000 GMT

114 143.0

TIME MID	CNTCT	HTGHT GDM	PRES MB	TEMP DEG C	DEW DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y OG K	E POT Y OG K	HZ STG CM/SEC	SM PCT	RANGE KM	AZ DEG
30.3	30.1	2530.0	981.7	10.9	3.4	115.0	5.7	-5.2	2.4	295.3	295.3	5.0	43.0	30.0	70
30.4	30.0	900.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.5	30.0	3100.1	975.0	10.2	2.9	99.9	99.9	99.9	99.9	295.4	295.4	4.8	50.2	99.9	99.9
30.6	11.1	525.0	975.0	4.5	-2.0	99.9	99.9	99.9	99.9	295.4	295.4	4.0	52.4	99.9	99.9
30.7	11.5	747.5	925.0	5.0	-2.2	99.9	99.9	99.9	99.9	295.3	295.3	4.1	55.5	99.9	99.9
30.8	11.6	935.5	925.0	3.4	-2.5	100.1	7.0	-8.5	5.4	295.1	295.1	4.1	74.0	99.9	99.9
30.9	11.7	1135.4	925.0	4.5	2.1	172.2	6.4	-0.9	6.3	295.1	300.3	4.4	77.4	102.3	99.9
31.0	11.8	1413.3	850.0	5.4	-1.5	177.2	7.9	-2.4	7.0	292.6	300.6	4.3	55.9	105.3	99.9
31.1	11.9	1577.8	825.0	5.3	-1.9	183.1	9.5	0.5	9.5	294.2	305.4	4.0	55.0	109.3	99.9
31.2	12.0	1722.0	800.0	4.4	3.0	190.6	10.6	1.9	10.4	295.4	312.2	6.2	71.4	204.0	99.9
31.3	12.1	2182.8	775.0	3.4	3.3	201.4	9.7	3.5	9.0	297.4	314.4	6.3	70.9	207.3	99.9
31.4	12.2	2435.5	750.0	2.0	2.0	215.2	11.4	6.4	9.3	298.7	315.0	5.9	97.9	302.3	99.9
31.5	12.3	2720.0	725.0	0.5	-1.5	219.5	15.5	9.9	11.0	300.0	315.3	5.1	93.1	307.3	99.9
31.6	12.4	3000.0	700.0	-2.4	-1.5	225.0	17.1	11.9	12.4	302.1	315.4	2.5	45.5	404.7	99.9
31.7	12.5	3275.0	675.0	-2.4	-1.0	225.7	16.2	11.9	11.1	305.9	315.5	2.5	45.0	503.1	99.9
31.8	12.6	3550.0	650.0	-2.5	-1.0	231.0	17.4	13.7	10.9	304.2	315.2	1.9	39.1	601.1	99.9
31.9	12.7	3825.0	625.0	-2.8	-2.0	236.0	17.7	15.4	8.7	304.1	315.0	1.3	27.2	700.1	99.9
32.0	12.8	4100.0	600.0	-4.0	-2.7	240.5	17.0	16.1	6.9	310.3	315.2	0.9	17.4	800.1	99.9
32.1	12.9	4375.0	575.0	-5.4	-2.5	245.2	18.3	15.5	7.7	312.1	315.3	0.9	25.9	900.1	99.9
32.2	13.0	4650.0	550.0	-6.0	-2.5	249.2	19.8	17.6	9.0	313.5	315.8	1.0	25.3	1000.1	99.9
32.3	13.1	4925.0	525.0	-11.1	-2.8	250.2	22.7	19.7	11.3	315.0	316.8	1.2	37.9	1100.1	99.9
32.4	13.2	5200.0	500.0	-13.5	-3.1	250.4	23.2	20.0	11.4	316.5	317.1	0.4	15.4	1200.1	99.9
32.5	13.3	5475.0	475.0	-15.4	-3.4	250.1	24.2	20.8	12.5	317.7	317.7	0.4	15.0	1300.1	99.9
32.6	13.4	5750.0	450.0	-15.9	-3.4	250.7	26.5	21.5	15.3	319.4	319.4	0.3	15.0	1400.1	99.9
32.7	13.5	6025.0	425.0	-21.0	-3.0	250.0	27.1	23.0	14.4	322.0	322.0	0.1	4.6	1500.1	99.9
32.8	13.6	6300.0	400.0	-24.4	-4.0	250.0	29.3	25.1	15.1	323.7	323.7	0.1	11.4	1600.1	99.9
32.9	13.7	6575.0	375.0	-27.7	-4.6	249.2	30.0	26.1	15.0	325.2	325.2	0.3	27.4	1700.1	99.9
33.0	13.8	6850.0	350.0	-31.2	-4.5	248.2	32.4	28.3	15.9	326.7	326.7	0.2	25.4	1800.1	99.9
33.1	13.9	7125.0	325.0	-34.5	-5.5	243.0	32.6	29.0	14.4	329.1	329.1	0.1	17.8	1900.1	99.9
33.2	14.0	7400.0	300.0	-38.4	-4.9	242.9	36.7	32.7	16.7	331.2	331.2	0.1	15.0	2000.1	99.9
33.3	14.1	7675.0	275.0	-41.9	-5.9	242.9	40.7	35.3	20.2	334.5	334.5	0.0	55.0	2100.1	99.9
33.4	14.2	7950.0	250.0	-45.0	-6.9	240.9	41.4	36.1	20.2	337.7	337.7	0.0	99.9	2200.1	99.9
33.5	14.3	8225.0	225.0	-48.0	-6.9	240.9	47.2	41.8	22.0	342.0	342.0	0.0	99.9	2300.1	99.9
33.6	14.4	8500.0	200.0	-45.9	-6.9	242.7	53.2	47.3	24.4	353.9	353.9	0.0	99.9	2400.1	99.9
33.7	14.5	8775.0	175.0	-42.9	-6.9	242.9	99.9	59.9	99.9	362.0	362.0	0.0	99.9	2500.1	99.9
33.8	14.6	9050.0	150.0	-44.7	-6.9	242.9	99.9	99.9	99.9	374.1	374.1	0.0	99.9	2600.1	99.9
33.9	14.7	9325.0	125.0	-49.9	-6.9	242.9	99.9	99.9	99.9	390.0	390.0	0.0	99.9	2700.1	99.9
34.0	14.8	9600.0	100.0	-55.0	-6.9	242.9	99.9	99.9	99.9	400.0	400.0	0.0	99.9	2800.1	99.9
34.1	14.9	9875.0	75.0	-59.9	-6.9	242.9	99.9	99.9	99.9	410.0	410.0	0.0	99.9	2900.1	99.9
34.2	15.0	10150.0	50.0	-64.9	-6.9	242.9	99.9	99.9	99.9	420.0	420.0	0.0	99.9	3000.1	99.9
34.3	15.1	10425.0	25.0	-69.9	-6.9	242.9	99.9	99.9	99.9	430.0	430.0	0.0	99.9	3100.1	99.9

9 JV SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
0 BY TPD MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
00 JV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI
10 APRIL 1979
2334 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX WTD GM/KG	RM PCT	RANGE KM	AZ DG
300	307	263.0	979.0	10.4	1.2	90.0	7.2	-7.2	0.0	285.2	296.6	4.3	53.0	0.0	0.0
303	303	92.0	1010.0	9.6	9.9	90.0	9.9	9.9	9.9	97.9	97.9	97.9	97.9	97.9	97.9
306	303	247.1	975.0	10.1	1.3	106.7	11.8	-11.8	3.0	285.3	296.6	4.3	56.4	0.1	55.0
309	110.2	502.9	950.0	9.7	7.5	106.7	11.8	-11.8	3.0	295.0	296.6	4.0	56.3	0.2	230.0
312	110.4	727.7	925.0	6.5	7.3	106.0	12.2	-11.6	3.9	285.9	296.6	4.0	61.7	0.8	230.0
315	110.5	947.1	900.0	5.2	-1.1	121.5	13.7	-11.7	7.2	284.9	296.6	3.9	61.6	1.4	291.0
318	110.9	1177.1	875.0	4.8	0.9	131.2	12.6	-9.1	8.6	280.9	322.4	4.7	70.7	2.1	297.0
321	230.0	1416.6	850.0	3.9	3.9	136.9	9.7	-4.7	7.1	295.4	311.7	6.0	71.1	2.7	251.0
324	230.4	1457.6	825.0	7.4	3.6	153.6	10.1	-4.5	9.0	294.5	311.7	6.1	70.9	3.1	324.0
327	230.8	1716.4	800.0	6.1	4.2	173.9	11.4	-11.2	11.3	297.7	311.7	6.5	70.9	3.5	317.0
330	230.9	2177.0	775.0	5.2	7.7	190.9	12.8	0.2	12.9	299.4	317.2	6.5	93.9	4.0	317.0
333	230.7	2645.7	750.0	7.6	7.2	192.0	13.9	2.9	13.6	300.5	317.2	5.0	93.9	4.5	325.0
336	310.7	2713.4	725.0	2.2	-3.4	202.7	13.5	5.2	12.5	301.9	313.0	5.1	92.7	5.2	313.0
339	310.1	3203.1	700.0	1.4	-7.9	213.7	13.6	7.5	11.3	304.0	313.0	3.0	92.7	5.7	313.0
342	310.4	3274.9	675.0	-0.7	-11.7	220.7	14.1	9.3	10.7	304.9	313.0	2.0	92.7	6.1	313.0
345	310.7	3856.5	650.0	-2.2	-15.1	225.5	13.6	9.7	9.5	306.2	311.6	1.7	93.5	6.1	313.0
348	310.7	4355.7	625.0	-4.4	-17.2	226.0	12.9	8.9	9.2	307.3	311.6	1.3	93.7	7.2	357.0
351	310.7	4854.9	600.0	-6.3	-25.9	225.1	13.5	9.5	9.5	309.2	311.6	0.9	93.4	7.9	357.0
354	310.7	5354.1	575.0	-8.2	-27.8	224.0	13.9	9.4	10.7	309.2	311.6	0.7	93.4	8.4	357.0
357	310.7	5853.3	550.0	-11.6	-30.5	221.3	14.8	9.7	11.1	310.3	312.1	0.5	93.9	9.2	357.0
360	310.7	6352.5	525.0	-14.2	-33.5	220.7	14.6	9.5	11.1	311.4	313.6	0.7	93.9	10.2	357.0
363	310.7	6851.7	500.0	-17.7	-37.1	220.7	14.8	10.4	10.5	311.4	313.6	0.6	93.9	11.2	357.0
366	310.7	7350.9	475.0	-20.6	-38.4	225.5	16.9	12.7	11.2	312.5	313.6	0.6	93.9	12.1	357.0
369	310.7	7850.1	450.0	-23.9	-35.4	236.2	19.9	16.2	11.6	313.4	313.6	0.4	93.9	13.3	357.0
372	310.7	8349.3	425.0	-26.5	-43.5	235.7	21.2	17.5	12.0	315.0	313.6	0.3	93.9	14.9	357.0
375	310.7	8848.5	400.0	-29.9	-41.6	237.5	22.4	18.2	12.0	314.2	313.6	0.2	93.9	16.7	357.0
378	310.7	9347.7	375.0	-32.6	-43.7	242.3	24.3	21.5	11.3	316.7	317.3	0.2	93.9	18.2	357.0
381	310.7	9846.9	350.0	-35.2	-44.7	244.7	25.2	25.3	12.4	317.2	317.3	0.2	93.9	20.1	357.0
384	310.7	10346.1	325.0	-38.9	-46.9	240.7	34.1	29.8	16.7	320.8	317.3	99.9	93.9	22.9	357.0
387	310.7	10845.3	300.0	-42.2	-48.9	232.7	37.4	29.7	22.7	321.6	317.3	99.9	93.9	24.5	357.0
390	310.7	11344.5	275.0	-45.1	-50.1	221.3	41.9	27.6	31.4	322.7	317.3	99.9	93.9	26.9	357.0
393	310.7	11843.7	250.0	-48.8	-52.9	219.5	43.6	27.7	33.7	323.1	317.3	99.9	93.9	29.1	357.0
396	310.7	12342.9	225.0	-52.0	-55.9	220.7	43.3	27.7	28.0	323.2	317.3	99.9	93.9	31.4	357.0
399	310.7	12842.1	200.0	-55.6	-58.9	224.3	36.9	35.9	16.9	331.7	317.3	99.9	93.9	33.8	357.0
402	310.7	13341.3	175.0	-58.9	-61.9	245.9	32.4	29.6	13.2	342.9	317.3	99.9	93.9	36.2	357.0
405	310.7	13840.5	150.0	-62.6	-64.9	238.1	31.9	27.1	15.9	352.9	317.3	99.9	93.9	38.6	357.0
408	310.7	14339.7	125.0	-65.9	-67.9	243.6	28.0	25.1	12.4	363.9	317.3	99.9	93.9	41.0	357.0
411	310.7	14838.9	100.0	-69.9	-70.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
414	310.7	15338.1	75.0	-73.9	-73.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
417	310.7	15837.3	50.0	-77.9	-77.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
420	310.7	16336.5	25.0	-81.9	-81.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN C AND 10 DEG

BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLUMBIA, MISSOURI
11 APRIL 1979
511 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIF DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
0-2	0-3	253-2	976-5	6-1	4-4	90-0	1-3	-9-3	0-0	281-2	295-8	5-4	99-0	9-3	0-
0-3	0-3	99-9	1077-2	95-9	99-9	99-9	91-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
0-3	0-3	255-6	973-0	6-0	99-9	99-9	91-9	99-9	99-9	281-2	99-9	99-9	99-9	99-9	99-9
0-3	0-3	477-7	950-0	5-0	99-9	99-9	91-9	99-9	99-9	282-3	99-9	99-9	99-9	99-9	99-9
1-6	1-6	694-9	925-3	4-2	99-9	99-9	99-9	99-9	99-9	283-7	99-9	99-9	99-9	99-9	99-9
2-5	14-7	918-5	913-0	5-9	4-7	143-0	21-1	-15-1	20-0	287-6	303-2	9-0	91-8	2-4	171-
3-4	17-2	1150-3	978-0	7-0	5-4	159-5	25-2	-10-7	27-2	291-1	309-4	6-9	95-9	3-7	313-
4-2	19-5	1192-5	953-3	9-8	9-2	172-7	31-9	-3-9	31-6	296-4	319-5	9-6	94-3	5-1	323-
5-1	21-7	1233-2	923-0	9-6	9-9	180-1	31-9	0-0	30-9	298-7	322-3	8-4	94-6	5-5	331-
5-3	23-1	1374-9	900-0	8-5	7-9	190-9	25-0	0-4	29-0	308-2	323-9	8-4	95-0	9-1	319-
7-2	25-5	2157-4	975-0	7-3	6-7	184-4	21-8	3-2	28-5	301-6	323-6	9-0	94-5	7-8	342-
9-2	4-3	2427-7	950-0	6-2	4-5	195-4	21-7	7-0	24-7	303-4	323-1	7-1	94-0	11-2	346-
9-2	31-3	2735-4	925-0	4-0	3-1	202-9	21-9	10-7	24-9	303-9	322-4	5-6	93-4	12-5	350-
10-1	33-7	3132-6	903-0	3-7	2-2	206-9	21-1	12-8	25-1	305-5	323-7	6-4	95-2	14-9	354-
11-1	35-2	3244-5	875-0	0-5	-0-2	206-6	21-5	14-1	25-3	306-2	322-6	5-6	95-4	15-1	357-
12-1	34-7	3586-9	853-5	-1-1	-2-8	206-2	21-0	14-7	25-2	307-7	321-6	4-4	94-1	15-6	0-
13-1	41-3	3900-0	824-0	-3-4	-5-1	207-2	31-8	14-5	25-3	309-6	320-9	4-2	97-7	16-3	3-
14-2	43-7	4200-6	803-3	-5-1	-7-4	204-6	31-9	14-1	30-4	309-1	320-0	3-7	90-4	20-3	5-
15-3	40-7	4522-4	755-0	-8-6	-10-3	205-4	31-7	15-0	30-2	309-8	319-1	3-0	97-8	22-5	7-
15-5	44-4	4864-1	553-0	-10-9	-17-3	214-5	31-0	17-3	24-7	311-1	316-7	1-8	97-1	24-6	10-
17-9	54-2	5252-5	525-0	-13-7	-22-3	208-9	31-6	16-2	28-4	312-9	316-8	1-2	45-3	27-1	12-
19-4	55-1	5421-9	503-0	-16-5	-22-6	207-8	31-4	16-3	30-4	312-9	316-9	1-2	59-4	27-9	13-
20-0	59-1	5905-3	476-0	-18-2	-21-4	212-3	31-3	16-7	28-5	315-5	320-1	1-4	75-5	32-5	14-
22-0	61-2	6404-2	450-0	-21-0	-23-4	223-5	25-0	17-2	18-1	316-9	321-1	1-3	82-9	34-5	16-
23-3	64-4	6929-3	420-0	-24-0	-26-1	224-5	25-4	17-1	17-4	319-3	321-8	1-1	82-3	35-2	17-
24-9	67-6	7349-2	400-0	-27-3	-30-6	217-5	21-8	14-5	14-9	319-8	322-0	0-7	73-5	38-3	19-
25-5	70-0	7712-2	374-0	-30-5	-34-6	218-5	11-2	11-3	18-2	321-3	323-2	0-5	66-8	40-4	20-
25-2	74-3	8217-3	352-0	-34-0	-38-6	231-3	13-8	10-8	8-7	322-9	324-3	0-2	62-9	41-9	21-
29-9	78-0	8711-7	324-0	-38-7	-43-5	240-7	15-1	13-1	7-4	323-3	324-2	0-2	52-5	42-9	22-
31-4	81-7	9275-9	300-0	-43-9	99-9	243-4	21-0	18-8	9-4	323-6	979-9	99-9	99-9	44-1	23-
33-7	85-7	9853-1	275-0	-49-2	99-2	244-4	21-2	22-7	10-9	323-9	979-9	99-9	99-9	45-7	24-
35-2	94-4	10470-0	250-0	-55-1	99-9	240-4	21-7	21-5	12-2	324-2	979-9	99-9	99-9	46-9	24-
34-5	94-2	11133-4	225-0	-61-1	99-9	239-7	21-6	22-1	13-0	324-9	979-9	99-9	99-9	52-8	30-
40-4	94-0	11526-4	200-0	-67-4	99-9	236-7	31-7	29-8	18-6	326-0	979-9	99-9	99-9	53-5	32-
43-2	104-0	12453-9	175-0	-73-8	99-9	240-0	31-9	27-6	17-9	344-6	979-9	99-9	99-9	61-7	36-
45-5	109-5	13613-5	150-0	-80-6	99-9	233-1	31-7	29-4	22-0	365-3	999-9	99-9	99-9	65-0	36-
43-5	113-4	14743-6	125-0	-80-2	99-9	240-4	21-4	24-7	14-0	395-1	999-9	99-9	99-9	73-2	39-
53-4	122-7	16129-0	100-0	-85-8	99-9	999-9	99-9	99-9	99-9	400-6	999-9	99-9	99-9	992-9	929-
93-9	93-0	99-9	75-0	93-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	992-9	979-
93-9	93-0	99-9	50-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	992-9	979-
93-9	93-0	99-9	25-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	992-9	979-

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
CHILDRESS, TEXAS10 APRIL 1979
1131 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/SEC	MM PCT	RANGE KM	AZ DEG
30.3	140.2	592.3	930.6	9.3	9.2	130.0	4.1	-3.1	2.4	288.3	307.5	7.4	93.0	126	100.0
30.9	99.9	99.9	1002.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.3	99.9	99.9	975.0	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.2	140.5	644.3	925.0	9.2	7.5	141.0	6.7	-5.5	6.8	289.7	307.1	7.0	93.1	99.9	99.9
32.9	170.4	873.4	900.0	9.5	7.4	171.3	13.1	-2.0	12.9	290.3	308.2	7.2	92.8	6.4	331.0
33.3	190.4	1107.0	875.0	9.8	7.9	190.4	14.7	4.2	14.1	290.0	310.5	7.7	92.9	1.3	353.0
33.9	210.3	1349.2	850.0	12.0	-37.6	204.2	11.0	5.2	9.7	299.7	311.1	8.5	7.2	2.0	4.0
34.7	240.4	1590.9	825.0	13.2	-41.9	220.5	6.4	5.5	6.4	302.5	312.9	8.1	10.2	2.4	10.0
35.3	270.3	1857.1	802.0	11.3	-43.0	232.8	7.9	6.3	4.9	313.2	313.5	8.1	10.0	2.8	13.0
35.9	290.5	2120.6	775.0	7.9	-35.6	229.4	8.6	6.5	5.5	303.3	308.0	8.2	2.2	3.2	22.0
36.3	310.1	2357.3	750.0	6.5	-19.4	234.2	9.7	7.9	5.7	303.6	307.3	1.2	14.9	3.9	25.0
36.9	330.4	2607.1	725.0	4.2	-13.9	239.7	10.2	8.9	5.2	294.2	309.5	1.8	25.4	4.4	30.0
37.1	370.4	2851.3	700.0	1.9	-12.4	248.2	9.6	9.1	3.6	294.7	311.0	2.1	33.4	4.9	35.0
37.9	390.2	3243.5	675.0	-2.2	-12.1	244.7	9.9	9.0	4.2	295.5	312.2	2.2	47.0	5.5	39.0
38.3	430.2	3544.3	650.0	-2.3	-15.9	233.4	11.3	9.0	6.7	296.3	311.4	1.7	34.4	5.2	41.0
38.9	450.2	3788.4	625.0	-6.6	-20.4	230.5	14.7	11.3	9.3	307.2	311.0	1.2	27.6	7.0	42.0
39.5	470.9	4174.4	600.0	-7.0	-22.6	230.7	16.7	14.5	11.9	308.0	311.3	1.0	27.4	9.1	43.0
39.9	510.4	4504.7	575.0	-6.1	-23.9	232.0	20.4	16.1	12.5	309.2	308.5	7.0	1.3	9.5	44.0
40.1	540.3	4837.3	550.0	-11.3	-27.1	235.9	22.5	18.6	12.6	310.7	311.9	0.0	1.0	11.1	45.0
40.9	570.2	5220.1	525.0	-14.0	-29.6	239.7	22.5	19.5	11.4	311.7	311.9	0.0	1.0	12.9	47.0
41.3	590.3	5571.3	500.0	-14.6	-29.4	239.7	24.4	21.1	12.3	314.1	314.2	0.0	1.0	14.7	49.0
41.9	610.3	5925.2	475.0	-18.9	-24.5	241.5	24.0	21.1	11.5	314.6	314.6	0.0	1.0	16.5	50.0
42.3	630.3	6278.0	450.0	-22.3	-24.2	241.3	25.3	22.4	11.9	315.2	315.2	0.0	1.0	18.3	52.0
42.9	650.3	6630.2	425.0	-25.9	-24.0	241.3	27.3	23.7	13.0	315.9	315.2	0.0	1.0	20.1	53.0
43.3	670.3	6982.4	400.0	-29.0	-23.9	241.3	30.2	26.4	14.5	316.0	316.2	0.0	1.0	21.9	54.0
43.9	690.3	7344.7	375.0	-32.7	-23.9	239.5	31.6	27.3	15.0	316.9	317.1	0.0	1.0	23.7	55.0
44.3	710.3	7707.0	350.0	-36.3	-23.2	239.5	33.2	28.6	16.1	317.5	317.6	0.0	1.0	25.5	56.0
44.9	730.3	8069.3	325.0	-41.9	-23.9	239.4	34.2	27.7	16.4	318.0	318.0	0.0	1.0	27.3	57.0
45.3	750.3	8431.6	300.0	-45.9	-23.9	238.8	36.3	27.7	17.7	320.2	318.0	0.0	1.0	29.1	58.0
45.9	770.3	8793.9	275.0	-49.1	-24.1	241.7	42.3	27.3	17.7	320.2	318.0	0.0	1.0	30.9	59.0
46.3	790.3	9156.2	250.0	-52.1	-24.1	241.7	44.3	27.3	17.7	320.2	318.0	0.0	1.0	32.7	60.0
46.9	810.3	9518.5	225.0	-55.1	-24.1	241.7	46.3	27.3	17.7	320.2	318.0	0.0	1.0	34.5	61.0
47.3	830.3	9880.8	200.0	-58.1	-24.1	241.7	48.3	27.3	17.7	320.2	318.0	0.0	1.0	36.3	62.0
47.9	850.3	10243.1	175.0	-61.1	-24.1	241.7	50.3	27.3	17.7	320.2	318.0	0.0	1.0	38.1	63.0
48.3	870.3	10605.4	150.0	-64.1	-24.1	241.7	52.3	27.3	17.7	320.2	318.0	0.0	1.0	40.0	64.0
48.9	890.3	10967.7	125.0	-67.1	-24.1	241.7	54.3	27.3	17.7	320.2	318.0	0.0	1.0	41.8	65.0
49.3	910.3	11330.0	100.0	-70.1	-24.1	241.7	56.3	27.3	17.7	320.2	318.0	0.0	1.0	43.6	66.0
49.9	930.3	11692.3	75.0	-73.1	-24.1	241.7	58.3	27.3	17.7	320.2	318.0	0.0	1.0	45.4	67.0
50.3	950.3	12054.6	50.0	-76.1	-24.1	241.7	60.3	27.3	17.7	320.2	318.0	0.0	1.0	47.2	68.0
50.9	970.3	12416.9	25.0	-79.1	-24.1	241.7	62.3	27.3	17.7	320.2	318.0	0.0	1.0	49.0	69.0
51.3	990.3	12779.2	0.0	-82.1	-24.1	241.7	64.3	27.3	17.7	320.2	318.0	0.0	1.0	50.8	70.0

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SLOPE MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS
10 APRIL 1979
2307 GMT

TIME MID	CNTCT	WFOHT GPM	PRSS WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	NA STD GMS	RM PCT	RANGE KM	AZ DG
3.0	7.3	79.0	999.5	24.0	17.3	135.0	10.0	-7.1	7.1	290.1	335.9	14.4	75.0	2.0	0.
3.1	9.7	99.9	1032.0	24.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	9.6	208.7	975.0	23.7	19.1	999.9	999.9	99.9	99.9	290.0	334.9	13.5	72.8	99.9	99.9
3.3	10.4	435.4	952.0	22.1	18.3	999.9	999.9	99.9	99.9	299.7	336.9	14.1	70.7	99.9	99.9
3.4	12.9	667.3	925.0	19.7	17.5	999.9	999.9	99.9	99.9	298.4	336.0	13.9	87.6	99.9	99.9
3.5	15.2	903.1	973.0	17.6	16.3	999.9	999.9	99.9	99.9	299.5	334.2	13.1	92.9	99.9	99.9
3.6	17.5	1144.4	975.0	15.8	14.8	999.9	999.9	99.9	99.9	300.2	332.9	12.2	93.9	99.9	99.9
3.7	19.7	1300.9	950.0	14.7	13.7	150.6	15.2	0.2	15.2	301.6	333.2	11.7	94.0	99.9	99.9
3.8	22.0	1446.1	925.0	13.7	12.7	186.7	16.1	1.9	16.0	303.0	333.7	11.3	93.9	99.9	99.9
3.9	24.3	1606.3	902.0	12.9	11.9	197.4	14.0	4.2	13.3	304.0	334.0	11.0	93.9	99.9	99.9
4.0	26.6	2171.8	775.0	12.4	9.7	216.7	13.5	8.1	10.9	305.0	334.4	9.9	95.2	7.4	35.0
4.1	29.0	2447.5	753.0	12.2	-9.7	216.7	13.5	8.1	10.9	305.0	334.4	9.9	95.2	7.4	35.0
4.2	31.5	2731.9	725.0	11.6	-25.0	227.7	14.7	10.9	9.9	312.3	314.5	0.7	4.9	9.7	35.9
4.3	33.9	3021.9	700.0	11.6	-35.0	229.4	14.2	10.9	9.9	312.3	314.5	0.6	5.2	6.7	4.
4.4	36.4	3326.1	675.0	9.1	-35.0	233.2	14.7	11.8	8.9	313.3	314.3	0.3	2.6	7.5	9.
4.5	39.0	3475.4	650.0	6.1	-34.7	236.6	16.3	13.6	9.0	315.0	317.0	0.3	3.0	10.3	14.
4.6	41.5	3654.2	625.0	3.7	-34.7	241.7	17.9	15.9	9.5	316.1	317.2	0.3	3.3	11.2	14.
4.7	44.0	3854.4	600.0	0.9	-35.7	244.6	18.0	16.3	7.7	316.7	317.7	0.3	3.6	12.2	23.
4.8	46.5	4076.4	575.0	-1.9	-37.3	246.0	17.6	15.3	8.4	317.1	318.9	0.3	3.9	13.3	27.
4.9	49.0	4326.5	550.0	-4.6	-39.7	233.9	18.1	14.6	10.7	317.9	319.5	0.2	3.4	14.4	30.
5.0	51.5	4596.6	525.0	-7.5	-42.6	231.1	19.5	15.2	12.3	318.3	319.0	0.2	4.1	15.1	32.
5.1	54.0	4876.9	500.0	-11.6	-45.3	234.8	20.6	17.0	12.0	319.3	319.1	0.2	4.3	17.7	34.
5.2	56.5	5157.0	475.0	-15.8	-48.0	242.1	22.5	19.9	10.9	319.9	319.7	0.2	4.4	19.3	36.
5.3	59.0	5437.3	450.0	-19.1	-50.6	240.9	22.2	19.4	10.9	319.9	319.6	0.2	4.5	21.0	39.
5.4	61.5	5717.6	425.0	-22.8	-53.4	238.4	23.2	18.9	13.5	319.3	319.9	0.2	4.6	22.9	42.
5.5	64.0	6000.0	400.0	-26.6	-56.9	234.1	25.5	20.6	14.9	320.2	320.7	0.1	4.7	24.3	45.
5.6	66.5	6286.3	375.0	-30.3	-60.9	240.7	26.4	23.0	12.9	320.2	320.7	0.1	4.8	26.2	48.
5.7	69.0	6572.6	350.0	-34.9	-64.0	244.1	28.9	25.2	12.2	321.5	321.9	0.1	4.9	28.1	51.
5.8	71.5	6858.9	325.0	-38.7	-67.4	244.0	30.9	27.4	13.5	321.7	322.0	0.1	5.0	30.0	54.
5.9	74.0	7145.2	300.0	-42.6	-70.9	240.0	37.9	32.8	19.0	322.2	324.4	0.1	5.1	31.9	57.
6.0	76.5	7431.5	275.0	-46.1	-74.0	238.2	41.7	35.5	22.0	322.7	324.9	0.1	5.2	33.8	60.
6.1	79.0	7717.8	250.0	-49.5	-77.3	241.3	46.3	40.3	22.1	323.4	324.9	0.1	5.3	35.7	63.
6.2	81.5	8004.1	225.0	-53.0	-80.9	238.5	55.7	47.5	29.1	323.5	324.9	0.1	5.4	37.6	66.
6.3	84.0	8290.4	200.0	-56.5	-84.0	239.0	71.1	61.0	34.6	340.3	340.9	0.1	5.5	39.5	69.
6.4	86.5	8576.7	175.0	-60.0	-87.3	238.3	64.7	55.0	34.0	347.9	347.9	0.1	5.6	41.4	72.
6.5	89.0	8863.0	150.0	-63.5	-90.9	241.4	66.6	40.9	22.1	350.2	349.9	0.1	5.7	43.3	75.
6.6	91.5	9149.3	125.0	-67.0	-94.0	246.1	69.2	33.3	29.0	358.7	349.9	0.1	5.8	45.2	78.
6.7	94.0	9435.6	100.0	-70.5	-97.3	243.3	39.2	35.1	17.6	370.4	349.9	0.1	5.9	47.1	81.
6.8	96.5	9721.9	75.0	-74.0	-100.9	99.9	99.9	99.9	99.9	400.4	349.9	0.1	6.0	49.0	84.
6.9	99.0	10008.2	50.0	-77.5	-104.0	99.9	99.9	99.9	99.9	400.4	349.9	0.1	6.1	50.9	87.
7.0	101.5	10294.5	25.0	-81.0	-107.3	99.9	99.9	99.9	99.9	400.4	349.9	0.1	6.2	52.8	90.
7.1	104.0	10580.8	0.0	-84.5	-110.9	99.9	99.9	99.9	99.9	400.4	349.9	0.1	6.3	54.7	93.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3
COLLECT STATION. YEARS

11 APR 11 1970
245 007

[illegible]

• 3V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• 5V TWO MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• 8V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 5
COLLEGE STATION, TEXAS

11 APRIL 1979
065 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRIS NB	TEMP DG C	OPN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RM PCY	RANGE KM	AZ DG
0.0	7.3	73.2	989.1	23.1	19.7	140.0	5.0	-3.2	1.4	297.1	335.9	14.9	41.0	0.2	9.0
3.3	3.0	90.0	1020.0	99.9	92.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	3.4	105.3	975.0	22.4	19.8	162.1	11.3	-5.0	15.5	297.7	337.1	15.1	55.2	0.9	316.0
1.2	10.4	425.3	975.0	21.3	19.7	168.0	21.6	-6.5	21.3	298.8	339.3	16.4	97.9	1.8	341.0
2.3	12.0	653.5	925.0	19.3	19.1	172.9	23.3	-2.9	22.1	299.8	340.6	14.3	94.7	2.8	365.0
2.7	15.0	890.1	900.0	17.7	18.8	175.2	23.6	-2.0	23.5	299.7	340.6	13.5	94.6	3.7	34.0
3.3	17.2	1130.7	975.0	16.3	19.4	176.2	21.5	-1.7	25.5	302.7	340.8	12.7	94.5	4.7	349.0
4.1	19.4	1377.8	950.0	15.4	11.5	175.5	21.7	-2.2	27.6	302.3	340.1	10.2	74.7	5.9	353.0
5.2	21.5	1522.2	935.0	12.1	-22.5	176.3	24.9	-1.7	24.9	307.8	313.0	1.9	11.3	7.5	351.0
5.1	23.3	1575.5	970.0	27.1	-37.6	191.1	21.9	4.2	21.5	312.8	313.3	0.2	1.0	9.3	353.0
7.0	26.3	2153.3	775.0	19.2	-35.2	202.1	24.9	7.8	19.3	315.1	315.1	0.2	1.0	10.9	356.0
9.3	29.5	2452.0	750.0	14.6	-39.6	209.7	21.0	10.8	19.9	315.8	313.4	0.2	1.0	11.2	359.0
9.3	31.0	2734.7	725.0	14.4	-41.1	217.3	22.4	14.2	19.6	315.3	315.9	0.1	1.0	11.3	36.0
12.1	33.4	3229.5	700.0	12.4	-42.3	222.4	24.4	16.5	19.0	315.3	315.7	0.1	1.0	11.5	36.0
13.1	35.0	3312.3	675.0	10.7	-43.8	225.9	24.4	17.5	17.0	316.0	317.2	0.1	1.0	11.7	36.0
14.1	36.4	3450.5	650.0	7.0	-45.6	225.8	21.3	18.2	17.7	316.4	317.2	0.1	1.0	11.9	36.0
14.4	38.0	3543.4	625.0	3.6	-47.7	225.5	24.0	18.5	14.3	316.6	316.9	0.1	1.0	12.1	36.0
15.3	40.7	4292.6	600.0	0.5	-49.5	225.4	24.0	18.0	17.1	316.6	317.1	0.1	1.0	12.2	36.0
15.3	42.7	4511.7	575.0	-2.5	-43.4	225.5	24.0	18.0	17.1	316.6	317.1	0.1	1.0	12.3	36.0
17.1	45.2	4991.3	550.0	-6.3	-47.2	229.1	24.4	18.4	16.0	316.9	317.7	0.2	4.6	22.7	24.0
17.4	47.9	5343.0	525.0	-9.4	-49.3	230.5	26.1	21.7	17.9	317.1	317.9	0.2	4.6	24.4	26.0
18.3	50.6	5711.5	500.0	-13.0	-49.9	232.5	32.2	25.6	19.6	317.2	318.0	0.2	4.6	26.4	24.0
21.2	57.0	6155.3	475.0	-14.6	-41.5	235.0	35.0	28.6	20.0	317.5	318.2	0.2	4.6	28.5	31.0
22.7	60.4	6517.2	447.0	-16.2	-43.3	236.4	28.8	21.5	14.3	317.5	319.7	0.1	7.9	32.1	33.0
23.1	63.5	6833.4	425.0	-18.5	-47.3	239.2	28.1	19.3	14.0	321.5	321.9	0.1	7.9	33.9	36.0
23.7	66.9	7377.7	400.0	-24.0	-52.9	227.7	33.1	18.9	17.2	322.7	323.7	0.1	5.4	35.3	35.0
27.1	72.1	7943.4	375.0	-28.5	-46.1	232.3	38.1	25.4	19.4	323.9	324.1	0.1	6.4	38.4	34.0
28.3	73.4	8138.1	350.0	-32.5	-57.1	231.4	41.3	32.3	25.4	325.9	325.1	0.0	4.6	42.3	37.0
32.3	77.7	9451.9	325.0	-37.5	-55.3	235.0	30.6	25.5	17.3	325.3	325.4	0.0	4.6	45.3	39.0
32.9	80.7	9788.9	300.0	-41.4	-59.9	236.4	40.9	34.9	21.4	325.5	325.9	0.0	4.6	48.3	40.0
33.3	83.7	9938.6	275.0	-45.1	-60.9	241.2	41.3	39.6	21.8	326.8	326.8	0.0	4.6	51.3	42.0
35.2	86.7	10120.4	250.0	-49.4	-67.9	236.5	41.7	43.7	24.8	332.7	329.7	0.0	4.6	54.3	43.0
35.3	89.7	11200.4	225.0	-53.5	-69.9	237.0	41.9	36.4	24.1	336.6	329.9	0.0	4.6	57.3	47.0
42.3	97.7	12528.5	200.0	-57.4	-69.9	241.8	50.5	52.4	28.1	342.0	329.9	0.0	4.6	60.3	48.0
43.3	102.3	12725.2	175.0	-61.9	-69.9	235.9	67.3	57.6	34.5	347.9	329.9	0.0	4.6	63.3	50.0
43.5	103.3	13476.2	150.0	-63.2	-69.9	250.3	38.5	36.3	13.0	346.4	329.9	0.0	4.6	66.3	51.0
52.2	110.3	14736.0	125.0	-63.5	-69.9	241.5	38.6	31.3	17.0	378.8	329.9	0.0	4.6	69.3	52.0
53.3	121.3	15341.9	100.0	-64.8	-69.9	999.9	99.9	99.9	99.9	402.6	99.9	0.0	4.6	72.3	53.0
92.3	99.0	99.0	75.0	64.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.9	99.0	99.0	50.0	69.0	79.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
93.9	99.0	99.0	25.0	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.9	99.0	99.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SLOPE MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEND MEANS TEMPERATURE CP TIME HAVE BEEN INTERPOLATED
** BY SLOPE MEANS ELEVATION ANGLE LPSS THAN 6 DEG

ORIGINAL PAGE IS
OF FOOT

STATION NO. 6
CONCORDIA, KANSAS

10 APRIL 1979
1135 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX PTO CM/KG	RH PCT	RANGE AZ KM	125 101. 0
30.0	11.1	449.0	054.4	3.2	1.6	120.0	7.3	-6.3	3.6	280.1	201.7	4.3	89.0	0.0	0
30.3	34.9	99.0	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.6	99.9	99.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.1	11.5	455.6	950.0	3.2	1.0	118.9	11.3	-10.2	4.7	280.6	201.6	4.3	89.0	0.1	295.0
1.0	13.9	701.3	924.0	1.3	-3.2	132.8	15.3	-11.2	17.4	260.6	201.2	4.1	97.2	0.1	295.0
1.9	15.4	922.4	900.0	2.2	1.9	164.5	15.1	-4.0	14.5	293.8	206.5	4.9	99.1	1.2	379.0
2.7	13.7	1151.0	875.0	3.2	3.0	176.9	14.4	-4.3	14.3	287.2	201.5	5.5	99.6	1.9	327.0
3.9	21.2	1395.7	850.0	2.2	1.8	165.1	11.9	-3.0	11.5	290.6	202.1	5.1	97.2	2.4	315.0
4.3	23.7	1627.2	825.0	1.9	-1.3	152.5	11.2	-5.2	10.7	290.6	202.1	4.2	79.2	3.0	315.0
5.4	25.2	1875.3	800.0	1.0	-4.3	141.6	12.8	-7.9	10.0	292.3	201.9	3.5	67.2	3.7	314.0
5.2	23.7	2170.0	775.0	1.0	-4.3	141.6	12.8	-7.9	10.0	292.3	201.9	3.5	67.2	3.7	314.0
7.1	31.3	2391.7	750.0	-1.6	-2.1	160.1	12.4	-6.1	17.9	291.2	203.9	3.9	92.2	4.3	312.0
3.2	33.0	2641.4	725.0	-2.9	-3.1	177.3	14.1	-0.7	14.1	295.2	208.0	4.2	99.3	5.9	317.0
3.2	35.4	2939.4	700.0	-4.1	-4.3	175.2	14.1	-1.2	14.3	295.2	208.0	4.2	99.3	5.9	317.0
13.3	34.3	3225.1	675.0	-5.3	-5.3	175.3	15.9	-2.7	15.4	299.7	209.4	3.4	90.6	7.7	341.0
11.4	42.0	3521.4	650.0	-7.0	-9.2	170.8	17.2	-2.7	17.0	301.0	210.1	3.2	91.1	9.9	342.0
12.5	44.3	3927.0	625.0	-8.6	-9.7	172.4	17.5	-2.3	17.4	302.4	211.2	2.9	91.6	12.9	343.0
13.9	47.5	4162.8	600.0	-10.5	-11.8	170.6	16.9	-1.0	16.9	303.9	211.6	2.6	90.4	11.0	344.0
14.3	50.4	4469.3	575.0	-12.7	-13.9	169.3	16.0	0.1	16.0	305.1	211.9	2.3	90.9	12.2	345.0
15.1	53.7	4807.3	550.0	-15.2	-16.3	175.5	13.9	-1.1	13.9	305.0	211.9	1.9	91.4	13.3	347.0
17.5	58.4	5157.1	525.0	-19.1	-22.7	165.0	15.4	-3.7	14.9	305.6	210.3	1.2	87.4	14.5	347.0
19.3	59.9	5519.9	500.0	-20.9	-23.7	165.6	15.9	-3.1	15.9	307.5	211.1	1.1	79.1	15.9	347.0
21.2	63.1	5437.2	475.0	-23.6	-26.7	161.9	19.8	0.4	19.4	309.7	211.6	0.9	75.4	17.2	348.0
21.5	65.4	5200.5	450.0	-26.4	-31.4	189.1	17.7	2.5	17.5	310.1	212.1	0.6	42.8	19.4	349.0
22.9	64.0	5006.4	425.0	-28.4	-31.4	189.1	17.7	2.5	17.5	310.1	212.1	0.6	42.8	19.4	349.0
24.5	73.4	7170.0	400.0	-33.3	-39.4	192.6	17.9	3.9	17.4	311.7	212.6	0.4	51.6	23.7	351.0
25.3	77.1	7579.7	375.0	-37.4	-43.1	197.3	19.0	5.7	18.2	312.1	212.6	0.2	53.9	21.5	353.0
27.9	93.3	9052.4	350.0	-41.3	-49.9	191.1	19.4	3.5	14.0	313.0	212.6	99.9	99.9	23.3	355.0
29.9	94.4	9551.0	325.0	-45.5	-49.9	187.9	17.1	2.3	10.7	314.0	212.6	99.9	99.9	25.1	356.0
31.4	93.0	9050.4	300.0	-49.9	-49.9	182.6	17.4	0.8	17.4	316.6	212.6	99.9	99.9	27.0	357.0
31.9	93.3	9451.3	275.0	-47.7	-49.9	186.0	15.8	1.6	15.7	326.2	212.6	99.9	99.9	29.1	358.0
33.9	94.7	10241.5	250.0	-49.1	-49.9	194.6	17.1	4.3	14.6	333.1	212.6	99.9	99.9	31.1	358.0
35.2	94.7	10969.6	225.0	-51.7	-49.9	202.5	16.6	6.4	15.4	339.3	212.6	99.9	99.9	33.3	359.0
36.3	103.0	11779.4	200.0	-53.7	-49.9	212.1	21.6	13.3	17.0	347.7	212.6	99.9	99.9	35.5	360.0
31.5	109.2	11779.4	200.0	-53.7	-49.9	212.1	21.6	13.3	17.0	347.7	212.6	99.9	99.9	35.5	360.0
44.3	114.0	12541.7	175.0	-55.3	-49.9	226.9	21.0	15.4	14.4	357.0	212.6	99.9	99.9	41.8	361.0
48.3	120.3	13557.9	150.0	-57.3	-49.9	236.9	23.1	16.5	16.1	371.4	212.6	99.9	99.9	45.3	362.0
52.5	127.1	14704.8	125.0	-59.5	-49.9	236.9	24.2	20.3	13.2	387.3	212.6	99.9	99.9	49.3	363.0
97.3	33.9	99.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.3	99.9	99.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
97.3	99.9	99.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS
10 APRIL 1979
1731 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES WG	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT T DG K	HX RTO GM/KG	RH PCT	RANGE KM	AZ DG
00.0	10.0	448.0	952.1	8.3	3.3	99.9	95.9	99.9	99.9	287.4	296.7	5.1	81.0	999.9	999.9
00.9	99.9	99.9	1530.0	99.9	99.9	99.9	95.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
01.9	99.9	99.9	975.0	99.9	99.9	99.9	95.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
02.1	11.1	465.1	950.0	5.8	3.1	99.9	95.9	99.9	99.9	293.1	293.8	4.1	16.9	999.9	999.9
02.9	13.5	594.0	925.0	3.9	2.9	99.9	95.9	99.9	99.9	293.3	293.8	5.1	93.3	999.9	999.9
03.9	15.4	900.0	900.0	5.7	5.5	99.9	95.9	99.9	99.9	297.4	303.9	6.3	99.4	999.9	999.9
04.7	18.2	1139.4	875.0	5.9	5.7	99.9	95.9	99.9	99.9	297.4	307.3	6.4	99.4	999.9	999.9
05.9	23.7	1375.0	850.0	5.0	4.3	99.9	95.9	99.9	99.9	291.4	308.3	6.4	99.4	999.9	999.9
06.4	23.2	1820.0	825.0	4.9	4.7	99.9	95.9	99.9	99.9	293.8	311.3	6.5	99.6	999.9	999.9
07.9	25.7	1871.0	930.0	3.5	3.3	99.9	95.9	99.9	99.9	294.9	311.4	6.1	99.4	999.9	999.9
08.3	33.2	2129.5	775.0	2.3	2.1	99.9	95.9	99.9	99.9	296.2	312.1	5.8	99.5	999.9	999.9
09.3	33.4	2393.2	750.0	0.5	3.3	99.9	95.9	99.9	99.9	297.1	313.6	5.2	99.3	999.9	999.9
10.3	35.1	2655.5	725.0	-0.2	-0.4	99.9	95.9	99.9	99.9	299.2	313.6	5.1	99.8	999.9	999.9
11.3	35.1	2845.9	700.0	-0.2	-1.0	99.9	95.9	99.9	99.9	300.7	314.2	4.9	99.9	999.9	999.9
12.3	35.1	3235.0	675.0	-1.3	-1.6	99.9	95.9	99.9	99.9	301.9	314.5	4.4	99.4	999.9	999.9
13.3	41.6	3512.5	650.0	-5.2	-5.5	99.9	95.9	99.9	99.9	307.1	314.4	3.9	97.0	999.9	999.9
14.3	44.8	3740.6	625.0	-6.3	-6.9	99.9	95.9	99.9	99.9	309.3	315.0	3.7	96.3	999.9	999.9
15.7	47.2	4159.9	600.0	-8.6	-9.8	99.9	95.9	99.9	99.9	306.2	315.2	3.0	90.7	999.9	999.9
16.4	50.2	4494.0	575.0	-10.7	-12.6	99.9	95.9	99.9	99.9	307.5	315.1	2.5	85.6	999.9	999.9
17.4	53.1	4824.5	550.0	-12.9	-14.2	99.9	95.9	99.9	99.9	308.6	315.3	2.1	81.2	999.9	999.9
18.3	55.3	5141.4	525.0	-16.1	-17.9	99.9	95.9	99.9	99.9	309.1	315.9	99.9	999.9	999.9	999.9
19.3	58.4	5466.9	500.0	-15.0	-16.9	99.9	95.9	99.9	99.9	309.9	316.9	99.9	999.9	999.9	999.9
20.3	52.0	5720.5	475.0	-21.9	-24.9	99.9	95.9	99.9	99.9	310.6	316.9	99.9	999.9	999.9	999.9
21.1	55.0	6321.7	450.0	-24.9	-27.9	99.9	95.9	99.9	99.9	311.9	316.9	99.9	999.9	999.9	999.9
22.1	58.3	6734.3	425.0	-27.9	-31.9	99.9	95.9	99.9	99.9	313.3	316.9	99.9	999.9	999.9	999.9
23.7	72.0	7157.1	400.0	-31.4	-40.4	99.9	95.9	99.9	99.9	314.2	316.9	0.3	43.3	999.9	999.9
24.7	75.4	7621.1	375.0	-35.0	-45.0	99.9	95.9	99.9	99.9	315.2	316.9	0.2	35.1	999.9	999.9
25.7	79.3	8024.3	350.0	-39.3	-49.3	99.9	95.9	99.9	99.9	316.2	316.9	0.2	43.0	999.9	999.9
26.7	84.8	8402.3	325.0	-43.3	-53.3	99.9	95.9	99.9	99.9	317.1	316.9	99.9	999.9	999.9	999.9
27.9	94.4	9134.4	300.0	-47.7	-57.7	99.9	95.9	99.9	99.9	318.1	316.9	99.9	999.9	999.9	999.9
28.3	97.4	9766.5	275.0	-50.9	-60.9	99.9	95.9	99.9	99.9	321.5	316.9	99.9	999.9	999.9	999.9
29.7	97.6	10221.1	250.0	-54.7	-64.7	99.9	95.9	99.9	99.9	324.7	316.9	99.9	999.9	999.9	999.9
30.3	102.4	10746.9	225.0	-58.2	-68.2	99.9	95.9	99.9	99.9	325.5	316.9	99.9	999.9	999.9	999.9
31.7	107.5	11246.2	200.0	-57.0	-67.0	99.9	95.9	99.9	99.9	342.5	316.9	99.9	999.9	999.9	999.9
32.9	113.5	12538.9	175.0	-55.0	-65.0	99.9	95.9	99.9	99.9	359.1	316.9	99.9	999.9	999.9	999.9
33.4	113.5	13474.1	150.0	-55.7	-65.7	99.9	95.9	99.9	99.9	374.1	316.9	99.9	999.9	999.9	999.9
34.3	127.0	14784.5	125.0	-55.7	-65.7	99.9	95.9	99.9	99.9	303.0	316.9	99.9	999.9	999.9	999.9
35.3	99.9	99.9	100.0	99.9	99.9	99.9	95.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
36.3	99.9	99.9	750.0	99.9	99.9	99.9	95.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
37.9	99.9	99.9	500.0	99.9	99.9	99.9	95.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
38.9	99.9	99.9	250.0	99.9	99.9	99.9	95.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMO MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS

11 APRIL 1979
521 GMT

TIME MIN	CUTCY	HEIGHT GCM	PRES MB	TRAP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX QTO G4/KG	SW PCT	RANGE NM	AZ DEG
000	11.4	445.7	045.3	4.6	7.2	100.0	10.0	-10.2	1.9	299.2	373.9	6.8	91.0	9.9	0.
005	09.9	09.9	1039.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
010	09.9	09.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
015	09.9	09.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
020	13.4	627.4	025.0	7.1	4.0	111.0	9.9	-9.2	3.5	286.6	323.8	6.6	91.7	0.2	255.
025	15.9	442.7	073.0	5.9	7.7	105.8	18.9	-18.2	5.2	287.6	374.4	6.4	95.7	0.9	290.
030	19.3	1354.3	975.0	6.9	6.7	107.5	18.9	-15.3	4.9	292.9	379.5	7.1	97.1	1.2	294.
035	20.7	1377.9	975.0	6.3	6.1	117.7	15.8	-15.0	7.3	292.7	311.3	7.0	97.0	1.7	294.
040	23.2	1427.9	925.0	5.9	2.3	129.5	14.3	-11.2	9.3	293.9	378.4	5.5	93.0	3.4	293.
045	26.6	1418.9	923.0	4.7	2.1	134.9	10.9	-7.7	7.7	296.1	311.4	5.6	93.1	4.0	293.
050	29.2	2077.9	775.0	4.1	-2.1	168.2	16.5	-5.5	9.9	298.2	311.9	4.9	74.4	4.5	297.
055	33.6	2188.3	750.0	3.0	-2.4	164.7	8.6	-2.1	8.5	298.4	311.9	4.3	67.9	4.7	321.
060	36.4	2188.3	725.0	1.6	-3.9	179.0	11.4	-8.2	11.4	301.2	375.5	2.5	42.2	5.3	324.
065	39.7	2188.3	700.0	1.0	-14.2	190.2	16.0	2.9	15.7	302.4	307.6	1.9	33.7	5.5	313.
070	43.0	2188.3	675.0	1.0	-15.2	199.5	16.3	6.1	15.3	303.6	309.3	1.4	32.4	4.4	312.
075	46.4	1647.9	650.0	-1.9	-17.9	199.5	22.9	7.7	21.5	303.9	309.3	1.5	34.6	7.3	332.
080	49.7	1730.2	625.0	-2.1	-17.9	203.7	25.4	10.2	21.3	304.4	309.3	1.3	35.0	9.4	342.
085	53.1	1114.2	600.0	-2.3	-21.4	204.6	28.9	12.1	24.1	305.4	309.3	0.9	24.8	9.7	347.
090	56.4	414.2	575.0	-1.5	-22.5	204.6	29.3	12.5	22.2	305.5	312.0	1.1	41.3	11.3	353.
095	59.7	414.2	550.0	-1.5	-22.5	203.7	29.3	11.4	23.9	307.7	310.4	0.9	34.5	13.1	355.
100	63.0	414.2	525.0	-1.5	-27.1	205.9	27.4	9.4	25.6	307.9	310.4	0.9	41.3	15.1	1.
105	66.3	512.5	500.0	-1.5	-31.4	203.7	26.9	9.5	25.2	308.0	309.3	0.5	34.9	17.2	4.
110	69.6	512.5	475.0	-2.3	-35.3	197.2	28.5	7.9	25.4	309.7	310.6	0.4	31.7	19.2	5.
115	72.9	512.5	450.0	-2.3	-35.3	191.4	28.5	5.0	24.7	313.4	311.3	0.3	24.0	21.0	4.
120	76.2	512.5	425.0	-2.3	-45.5	181.3	25.3	0.4	25.1	310.7	311.2	0.1	20.0	23.1	0.
125	79.5	512.5	400.0	-2.3	-51.5	173.0	23.5	-2.9	24.3	312.5	312.6	0.1	14.9	25.2	5.
130	82.8	512.5	375.0	-2.3	-53.5	174.0	19.8	-2.1	19.7	313.0	313.2	0.1	14.9	25.2	4.
135	86.1	512.5	350.0	-2.3	-53.5	179.1	22.4	-3.4	22.4	313.7	309.9	0.0	99.0	25.2	4.
140	89.4	512.5	325.0	-4.1	-59.9	172.7	23.7	-3.3	22.5	315.6	99.9	99.9	99.9	21.3	3.
145	92.7	512.5	300.0	-4.1	-63.9	174.5	30.4	-2.9	31.3	321.6	99.9	99.9	99.9	21.9	2.
150	96.0	512.5	275.0	-4.1	-63.9	175.4	32.9	-2.6	32.4	327.1	99.9	99.9	99.9	34.8	2.
155	99.3	512.5	250.0	-4.1	-63.9	175.4	34.3	-0.9	34.3	327.4	99.9	99.9	99.9	40.4	1.
160	102.6	512.5	225.0	-4.1	-63.9	175.4	34.3	4.4	31.5	335.0	99.9	99.9	99.9	44.4	2.
165	105.9	512.5	200.0	-4.1	-63.9	194.5	28.3	7.1	27.4	341.5	99.9	99.9	99.9	48.4	2.
170	109.2	512.5	175.0	-4.1	-63.9	205.4	26.1	11.4	25.5	355.6	99.9	99.9	99.9	52.7	3.
175	112.5	512.5	150.0	-4.1	-63.9	226.2	19.1	13.0	13.2	371.2	99.9	99.9	99.9	57.7	6.
180	115.8	512.5	125.0	-4.1	-63.9	217.8	19.9	12.2	15.7	387.9	99.9	99.9	99.9	53.2	9.
185	119.1	512.5	100.0	-4.1	-63.9	217.8	19.9	7.9	99.9	414.7	99.9	99.9	99.9	99.9	99.9
190	122.4	512.5	75.0	-4.1	-63.9	217.8	19.9	7.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
195	125.7	512.5	50.0	-4.1	-63.9	217.8	19.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	129.0	512.5	25.0	-4.1	-63.9	217.8	19.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

° FT SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
° BY TEMPO MEANS TEMPERATURE 20 TIME HAVE BEEN INTERPOLATED
° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6 CONCORDIA, KANSAS													
11 APRIL 1979													
TIME	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND	WIND
1142	1144	1146	1148	1150	1152	1154	1156	1158	1200	1202	1204	1206	1208
30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	31.0	31.1	31.2	31.3	31.4	31.5
31.6	31.7	31.8	31.9	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9
33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	34.0	34.1	34.2	34.3
34.4	34.5	34.6	34.7	34.8	34.9	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7
35.8	35.9	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	37.0	37.1
37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.5
38.6	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9
40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	41.0	41.1	41.2	41.3
41.4	41.5	41.6	41.7	41.8	41.9	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7
42.8	42.9	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	44.0	44.1
44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5
45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9
47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3
48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7
49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	51.0	51.1
51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.5
52.6	52.7	52.8	52.9	53.0	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9
54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3
55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7
56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1
58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5
59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9
61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62.0	62.1	62.2	62.3
62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7
63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1
65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5
66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9
68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3
69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7
70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1
72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5
73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9
75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3
76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7
77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1
79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5
80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9
82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3
83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7
84.8	84.9	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1
86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.5
87.6	87.7	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9
89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3
90.4	90.5	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7
91.8	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1
93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.4	94.5
94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9
96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.3
97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7
98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.1

0 BY SPEED MEANS ELEVATION ANGLE FROM 5 AND 10 DEG
 0-4 TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
CONCORDIA, KANSAS
11 APRIL 1979
1105 GMT

TIME MIN	CATCT	HEIGHT GPA	PRES MR	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	WX RTO GM/AG	RM PCT	RANGE KM	AZ DG
303	1200	443.0	440.5	9.9	3.0	120.0	6.7	-5.9	3.3	290.1	309.0	7.7	96.0	0.0	0
309	99.9	99.9	1007.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
313	330.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
319	330.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
325	13.4	595.4	925.0	9.7	3.7	144.0	19.9	-11.7	16.1	290.2	319.3	6.3	76.7	2.3	240
331	13.4	613.9	900.0	8.5	3.2	142.5	20.9	-12.7	16.6	290.3	319.3	7.6	97.7	1.1	302
337	13.2	134.7	975.0	7.9	7.6	143.5	23.2	-12.2	19.4	292.0	319.8	7.5	97.8	2.1	316
343	23.7	1246.7	999.0	8.4	9.0	182.9	26.8	-7.9	25.6	294.9	316.2	8.0	97.8	3.2	322
349	23.2	1316.1	925.0	6.7	3.7	171.7	26.4	-3.9	24.1	297.9	316.7	6.2	97.8	4.4	331
355	45.6	1793.4	930.0	9.0	-3.7	157.3	27.6	-6.1	27.0	300.8	309.1	2.5	27.7	5.2	336
361	45.1	2051.4	775.0	7.7	-23.8	155.2	26.2	-6.7	25.4	302.2	309.1	0.6	7.1	7.3	336
367	33.7	2320.6	750.0	6.2	-34.8	159.3	26.4	-4.9	24.9	303.3	309.2	0.3	1.3	8.6	339
373	33.7	2494.4	725.0	3.7	-32.5	175.1	25.6	-2.2	23.5	303.6	309.7	0.3	5.0	10.0	341
379	33.0	2590.2	700.0	1.2	-37.2	178.4	26.9	-0.5	26.9	303.8	309.2	0.4	7.4	11.2	343
385	34.7	3170.1	650.0	-1.5	-27.1	192.8	25.2	1.2	25.1	304.0	309.9	0.4	11.0	12.4	344
391	41.4	3470.1	600.0	-4.0	-27.4	197.7	23.7	3.0	23.5	304.5	309.5	7.5	14.2	13.7	346
397	44.2	1778.1	525.0	-5.7	-27.8	190.5	26.6	4.8	26.2	304.8	307.0	0.7	14.5	15.2	349
403	7.9	4094.7	400.0	-9.4	-27.6	198.4	26.2	8.3	24.9	305.1	308.3	1.0	13.4	14.2	352
409	50.0	4421.7	375.0	-12.3	-23.8	204.6	27.7	11.5	25.2	305.3	308.3	1.3	43.9	17.7	353
415	50.0	1759.7	400.0	-14.1	-17.4	201.7	33.9	14.5	31.3	307.4	312.0	1.5	46.1	23.0	356
421	50.1	5111.4	325.0	-16.7	-19.7	195.4	39.5	18.5	34.2	309.4	313.1	1.5	77.5	22.6	36
427	50.1	5475.0	300.0	-19.6	-21.1	191.2	44.1	8.6	43.2	309.1	313.5	1.4	85.2	25.1	10
433	50.4	5257.5	450.0	-22.1	-23.6	192.2	44.5	9.4	43.5	310.6	313.5	0.9	95.0	29.5	20
439	50.4	5642.3	425.0	-24.7	-27.6	193.6	41.8	9.9	40.4	311.5	313.6	0.7	57.1	31.9	40
445	50.0	7033.4	400.0	-32.4	-37.0	192.7	45.3	10.6	42.1	312.4	314.4	7.5	77.8	34.9	50
451	75	7534.9	375.0	-36.2	-42.1	190.6	53.9	9.0	52.9	313.6	314.5	3.2	51.1	39.7	50
457	97.8	4010.4	350.0	-40.5	-47.9	192.9	57.9	10.4	57.0	314.1	309.9	99.9	99.9	43.3	60
463	97.8	4520.4	330.0	-44.5	-49.9	192.9	53.1	11.9	51.7	315.2	309.9	99.9	99.9	47.3	60
469	97.8	3052.4	300.0	-46.9	-49.9	188.0	57.9	9.0	57.3	319.3	309.9	99.9	99.9	49.9	70
475	97.8	3624.0	275.0	-49.5	-52.9	187.4	65.7	3.9	65.4	323.5	309.9	99.9	99.9	49.9	70
481	97.8	10246.9	250.0	-51.7	-57.9	187.4	70.0	13.2	68.3	323.5	309.9	99.9	99.9	49.9	70
487	131.4	10246.1	225.0	-54.0	-59.9	192.5	45.3	6.7	45.3	334.6	309.9	99.9	99.9	49.9	70
493	137.0	11674.4	200.0	-56.7	-62.9	195.3	44.3	4.1	44.1	345.7	309.9	99.9	99.9	49.9	70
499	112.9	12535.3	175.0	-54.9	-64.9	196.8	44.2	12.8	42.3	359.3	309.9	99.9	99.9	49.9	70
505	113.0	12525.4	150.0	-57.2	-67.9	208.4	29.8	14.2	26.2	379.4	309.9	99.9	99.9	49.9	70
511	125.0	14493.6	125.0	-59.4	-69.9	209.9	99.9	99.9	99.9	389.3	309.9	99.9	99.9	49.9	70
517	99.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
523	99.0	99.9	75.0	55.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
529	99.0	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
535	99.0	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NC. 7
DURANT, OKLAHOMA
10 APRIL 1979
1705 GMT

TIME 414	CATCT	HEIGHT GPN	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
3.3	30.7	218.0	280.4	14.5	13.7	90.0	6.2	-6.2	0.0	289.3	310.4	8.1	78.0	30.3	2.0
9.0	40.0	93.9	1033.0	69.9	69.9	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	30.1	263.5	975.0	12.5	9.1	119.9	9.8	-7.5	4.9	287.8	307.2	7.5	79.5	30.2	291.0
1.2	31.5	478.6	953.0	11.2	9.9	132.8	9.9	-7.3	6.7	248.5	339.6	8.1	91.9	0.6	300.0
2.0	31.6	701.5	925.0	11.4	10.6	142.4	10.2	-6.2	8.1	291.0	313.7	8.7	94.8	1.1	31.0
4.9	15.2	338.5	933.0	13.9	13.0	154.9	10.2	-6.2	9.3	295.7	323.6	10.4	95.0	1.5	315.0
3.4	14.7	1171.0	975.0	13.8	12.7	170.6	11.5	-1.9	11.3	299.2	326.4	10.7	93.0	2.1	324.0
4.0	21.1	1415.9	953.0	12.7	11.8	173.9	13.6	-1.4	13.6	299.5	327.3	10.4	146.3	2.9	330.0
5.5	23.4	1667.1	933.0	11.6	10.7	179.7	14.6	-0.1	14.6	303.9	327.6	9.9	93.9	3.4	336.0
9.5	25.1	1728.4	900.0	10.2	9.1	185.4	16.8	1.9	16.7	302.1	327.0	9.1	92.4	4.3	341.0
7.5	25.7	2143.4	775.0	9.5	2.8	186.3	17.6	1.9	17.5	304.1	321.4	6.2	64.6	5.2	345.0
7.5	31.3	2469.3	753.0	9.4	-41.6	191.9	16.3	3.4	15.9	306.9	307.3	0.1	1.3	4.1	350.0
4.2	14.9	2742.7	725.0	7.2	-44.5	192.7	15.3	4.4	14.7	307.2	307.4	0.1	1.0	7.1	353.0
12.5	35.7	3027.2	703.0	4.5	-47.0	196.8	17.0	4.9	16.2	307.8	308.1	0.1	1.0	7.3	358.0
11.7	37.3	3228.2	675.0	3.0	-43.1	194.3	19.7	4.9	19.1	309.0	309.2	0.1	1.0	9.1	359.0
12.9	42.1	3428.4	650.0	0.9	-43.4	195.8	20.7	5.6	19.9	310.0	310.3	0.1	1.0	10.6	1.0
18.1	45.0	3747.0	625.0	-1.4	-43.8	199.6	20.9	7.0	19.7	310.9	311.1	0.1	1.0	11.9	3.0
13.1	47.0	4243.5	600.0	-2.9	-43.1	202.2	21.6	8.2	20.0	311.6	312.1	0.1	2.9	13.5	5.0
13.5	50.0	4597.2	575.0	-7.9	-43.2	205.3	24.0	10.2	21.7	311.9	312.6	0.2	5.5	15.1	7.0
17.2	53.7	4941.7	550.0	-10.1	-43.3	204.5	30.8	13.8	22.7	312.1	312.3	0.1	1.7	17.0	10.0
12.1	55.7	5278.4	525.0	-12.3	-43.7	210.6	26.4	13.4	22.7	313.7	313.8	0.0	1.0	19.8	12.0
23.5	60.1	5643.4	500.0	-15.3	-43.6	218.2	15.8	9.9	12.4	314.4	314.5	0.0	1.0	20.9	13.0
23.1	53.4	5758.5	475.0	-18.4	-43.3	214.1	25.8	14.4	21.3	315.2	315.3	0.0	1.5	22.5	15.0
24.4	75.7	6455.5	450.0	-21.7	-43.2	213.2	30.6	16.7	25.6	316.0	316.1	0.0	2.1	24.7	17.0
25.3	73.1	6973.5	425.0	-25.3	-43.3	211.6	29.4	15.4	24.8	316.6	316.7	0.0	1.7	27.5	18.0
25.9	71.7	7310.9	400.0	-28.7	-41.2	219.9	27.4	17.6	21.0	317.7	317.8	0.0	2.7	31.0	20.0
23.1	77.5	7760.2	375.0	-31.7	-43.0	221.7	27.0	18.0	20.2	318.0	318.0	0.0	3.2	32.4	22.0
31.6	51.3	4250.5	350.0	-33.8	-43.8	220.0	31.0	18.9	23.7	318.9	319.0	0.0	4.2	35.1	23.0
31.6	53.3	4750.0	325.0	-40.8	-43.9	222.5	37.5	23.1	27.7	323.5	323.6	0.0	99.9	31.4	25.0
33.2	93.4	3236.7	300.0	-44.0	-44.0	219.6	40.3	23.6	31.0	323.4	323.5	0.0	99.9	42.9	26.0
35.2	93.4	3448.2	275.0	-44.0	-44.0	223.8	36.2	23.1	26.2	330.0	330.0	0.0	99.9	47.1	28.0
37.9	13.4	11194.0	250.0	-44.0	-44.0	221.5	41.3	27.4	30.9	331.4	331.4	0.0	99.9	51.9	29.0
37.7	13.4	11194.0	225.0	-44.0	-44.0	220.7	37.8	24.1	29.7	335.4	335.4	0.0	99.9	57.8	30.0
42.3	13.8	11242.1	200.0	-44.0	-44.0	229.3	36.3	27.5	23.7	340.4	340.4	0.0	99.9	52.3	31.0
43.3	11.5	12763.0	175.0	-44.0	-44.0	225.0	39.3	28.0	27.9	357.5	357.5	0.0	99.9	69.2	33.0
43.5	12.4	13747.3	150.0	-44.0	-44.0	226.0	42.9	30.8	29.8	372.3	372.3	0.0	99.9	77.1	34.0
52.3	12.0	14914.6	125.0	-44.0	-44.0	229.2	41.4	31.3	27.1	389.0	389.0	0.0	99.9	85.8	36.0
72.9	7.5	97.9	100.0	-44.0	-44.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.3	92.3	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.3	92.3	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.3	92.3	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DUPONT, OKLAHOMA
10 APRIL 1979
2005 GMT

TIME UT	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	Q10 DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCY	RANGE KM	AZ DEG
300	300	214.0	974.4	17.6	14.1	999.9	99.9	99.9	99.9	292.8	329.1	10.5	99.0	999.9	999.9
301	300	99.9	1373.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
302	300	217.5	975.0	17.6	14.1	999.9	99.9	99.9	99.9	292.9	329.1	10.5	99.0	999.9	999.9
303	12.0	479.4	950.0	14.2	12.4	999.9	99.9	99.9	99.9	293.5	318.6	9.6	78.8	999.9	999.9
304	14.5	665.9	925.0	14.3	12.7	999.9	99.9	99.9	99.9	294.0	320.3	12.0	99.8	999.9	999.9
305	17.0	407.2	900.0	12.7	11.6	999.9	99.9	99.9	99.9	294.6	318.9	9.6	97.0	999.9	999.9
306	17.5	1174.9	875.0	12.4	12.2	999.9	99.9	99.9	99.9	295.7	324.2	10.3	97.0	999.9	999.9
307	20.0	1379.9	850.0	11.9	12.8	999.9	99.9	99.9	99.9	296.5	324.5	9.6	92.8	999.9	999.9
308	24.5	1629.3	825.0	10.3	99.9	999.9	99.9	99.9	99.9	301.7	329.9	99.9	999.9	999.9	999.9
309	27.2	1943.4	800.0	9.9	99.9	999.9	99.9	99.9	99.9	304.1	329.9	99.9	999.9	999.9	999.9
310	27.0	2146.8	775.0	9.6	99.9	999.9	99.9	99.9	99.9	306.1	322.9	5.0	52.3	999.9	999.9
311	32.5	2419.1	750.0	8.9	1.9	999.9	99.9	99.9	99.9	308.6	325.4	5.9	51.6	999.9	999.9
312	35.0	2629.5	725.0	8.3	1.0	999.9	99.9	99.9	99.9	311.2	322.9	5.9	41.2	999.9	999.9
313	33.0	3199.4	700.0	7.7	-4.3	999.9	99.9	99.9	99.9	310.6	324.9	4.8	62.7	999.9	999.9
314	43.0	3293.3	675.0	4.6	-2.3	999.9	99.9	99.9	99.9	312.2	325.2	4.9	72.8	999.9	999.9
315	43.7	3394.5	650.0	1.7	-2.6	999.9	99.9	99.9	99.9	312.9	319.8	2.3	43.8	999.9	999.9
316	42.4	3609.4	625.0	-0.2	-12.5	999.9	99.9	99.9	99.9	313.5	314.5	0.2	1.4	999.9	999.9
317	42.0	4235.5	600.0	-0.2	-41.3	999.9	99.9	99.9	99.9	314.1	314.5	0.3	7.3	999.9	999.9
318	47.4	4574.7	575.0	-0.3	-15.2	999.9	99.9	99.9	99.9	314.4	315.7	0.1	4.3	999.9	999.9
319	52.0	4714.9	550.0	-0.2	-43.3	999.9	99.9	99.9	99.9	315.3	315.5	0.1	1.0	999.9	999.9
320	54.0	5273.6	525.0	-1.0	-51.3	999.9	99.9	99.9	99.9	317.9	314.1	2.0	1.0	999.9	999.9
321	62.1	5652.9	500.0	-1.4	-57.3	999.9	99.9	99.9	99.9	317.9	312.9	0.0	1.0	999.9	999.9
322	62.1	6141.5	475.0	-1.2	-61.2	999.9	99.9	99.9	99.9	318.3	312.4	0.0	1.0	999.9	999.9
323	65.4	6485.4	450.0	-1.9	-62.5	999.9	99.9	99.9	99.9	319.2	319.2	2.0	1.2	999.9	999.9
324	75.0	7106.4	425.0	-2.3	-63.9	999.9	99.9	99.9	99.9	319.6	319.6	0.0	4.9	999.9	999.9
325	75.0	7499.4	400.0	-2.2	-53.0	999.9	99.9	99.9	99.9	320.7	321.0	2.1	8.7	999.9	999.9
326	75.0	7749.4	375.0	-1.5	-53.5	999.9	99.9	99.9	99.9	321.0	321.1	0.0	7.6	999.9	999.9
327	81.5	8253.7	350.0	-1.4	-49.1	999.9	99.9	99.9	99.9	321.5	322.6	2.0	9.1	999.9	999.9
328	87.4	8745.5	325.0	-1.3	-62.8	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
329	91.9	9324.2	300.0	-4.8	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
330	95.4	9879.1	275.0	-4.5	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
331	101.0	10533.6	250.0	-4.2	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
332	106.0	11197.4	225.0	-4.7	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
333	111.0	11770.3	200.0	-5.7	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
334	117.3	12776.0	175.0	-5.1	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
335	121.5	13752.5	150.0	-5.3	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
336	130.7	14624.5	125.0	-5.3	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
337	139.0	99.9	100.0	-5.0	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
338	149.0	99.9	75.0	-5.0	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
339	159.0	99.9	50.0	-5.0	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9
340	169.0	99.9	25.0	-5.0	99.9	999.9	99.9	99.9	99.9	321.6	322.6	99.9	99.9	999.9	999.9

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 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7 DURANT, OKLAHOMA													
11 APRIL 1979													
205 GMT													
TIME	CATCT	HEIGHT	PRES	TEMP	DEW PT	DIP	SPEED	U COMP	V COMP	POT T	E POT Y	MX RTO	RN
SEC		GM	MB	DEG C	DEG C	DG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	CM/KG	PCT
00	7.7	214.7	971.0	21.5	14.9	90.0	7.7	-7.7	0.0	297.2	326.4	11.1	65.0
01	9.3	99.0	1030.0	99.9	90.6	79.0	99.9	99.9	99.9	99.9	999.9	99.9	99.9
02	7.3	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9
03	11.5	404.2	950.0	21.5	14.2	99.9	99.9	99.9	99.9	277.1	326.0	10.2	63.0
04	14.1	435.3	925.0	20.4	13.7	99.9	99.9	99.9	99.9	300.2	329.1	10.8	65.6
05	15.5	571.5	920.0	18.1	13.2	99.9	99.9	99.9	99.9	300.1	328.9	10.7	73.4
06	17.0	1112.4	975.0	15.0	14.2	99.9	99.9	99.9	99.9	300.3	331.7	11.7	89.4
07	18.3	1358.9	950.0	13.7	13.8	99.9	99.9	99.9	99.9	300.5	333.2	11.0	94.1
08	19.5	1413.3	925.0	11.9	11.2	99.9	99.9	99.9	99.9	301.2	329.9	9.7	95.5
09	20.4	1458.2	920.0	10.7	10.0	99.9	99.9	99.9	99.9	302.5	329.9	9.7	95.4
10	21.1	2132.8	975.0	9.0	9.4	99.9	99.9	99.9	99.9	303.5	328.1	9.0	96.0
11	21.4	2436.0	950.0	6.1	5.5	99.9	99.9	99.9	99.9	303.2	328.1	7.6	95.9
12	21.4	2436.0	925.0	4.2	3.6	99.9	99.9	99.9	99.9	304.1	323.3	6.9	95.7
13	21.4	2958.9	920.0	2.9	2.3	99.9	99.9	99.9	99.9	305.7	324.0	6.5	95.7
14	21.4	3247.9	975.0	2.0	-24.4	99.9	99.9	99.9	99.9	307.9	317.4	0.8	12.1
15	21.4	3543.9	950.0	1.1	-49.2	99.9	99.9	99.9	99.9	310.3	310.5	0.1	1.0
16	21.4	3478.2	925.0	-1.0	-57.6	99.9	99.9	99.9	99.9	311.3	311.6	0.1	1.0
17	21.4	4208.7	900.0	-3.4	-52.1	99.9	99.9	99.9	99.9	312.2	312.6	0.0	1.0
18	21.4	4537.5	875.0	-5.7	-53.5	99.9	99.9	99.9	99.9	313.3	313.5	0.0	1.0
19	21.4	4948.2	850.0	-8.1	-53.1	99.9	99.9	99.9	99.9	314.4	314.6	0.0	1.0
20	21.4	5243.3	825.0	-10.9	-55.8	99.9	99.9	99.9	99.9	315.3	315.5	0.0	1.0
21	21.4	5518.2	800.0	-13.6	-57.5	99.9	99.9	99.9	99.9	316.3	316.5	0.0	1.0
22	21.4	5803.3	775.0	-17.4	-61.0	99.9	99.9	99.9	99.9	317.5	317.1	0.0	1.0
23	21.4	6038.7	750.0	-20.3	-62.0	99.9	99.9	99.9	99.9	317.0	317.1	0.0	1.0
24	21.4	6328.4	725.0	-24.5	-65.1	99.9	99.9	99.9	99.9	317.1	317.1	0.0	1.0
25	21.4	6628.1	700.0	-28.5	-67.6	99.9	99.9	99.9	99.9	317.9	318.1	0.0	1.0
26	21.4	6928.3	675.0	-32.8	-70.7	99.9	99.9	99.9	99.9	318.1	318.3	0.0	1.0
27	21.4	7228.3	650.0	-37.1	-73.9	99.9	99.9	99.9	99.9	318.8	319.9	0.0	1.0
28	21.4	7528.3	625.0	-41.9	-77.9	99.9	99.9	99.9	99.9	319.8	319.9	0.0	1.0
29	21.4	7828.3	600.0	-46.9	-81.9	99.9	99.9	99.9	99.9	320.8	319.9	0.0	1.0
30	21.4	8128.3	575.0	-51.9	-85.9	99.9	99.9	99.9	99.9	321.8	319.9	0.0	1.0
31	21.4	8428.3	550.0	-56.9	-89.9	99.9	99.9	99.9	99.9	322.8	319.9	0.0	1.0
32	21.4	8728.3	525.0	-61.9	-93.9	99.9	99.9	99.9	99.9	323.8	319.9	0.0	1.0
33	21.4	9028.3	500.0	-66.9	-97.9	99.9	99.9	99.9	99.9	324.8	319.9	0.0	1.0
34	21.4	9328.3	475.0	-71.9	-101.9	99.9	99.9	99.9	99.9	325.8	319.9	0.0	1.0
35	21.4	9628.3	450.0	-76.9	-105.9	99.9	99.9	99.9	99.9	326.8	319.9	0.0	1.0
36	21.4	9928.3	425.0	-81.9	-109.9	99.9	99.9	99.9	99.9	327.8	319.9	0.0	1.0
37	21.4	10228.3	400.0	-86.9	-113.9	99.9	99.9	99.9	99.9	328.8	319.9	0.0	1.0
38	21.4	10528.3	375.0	-91.9	-117.9	99.9	99.9	99.9	99.9	329.8	319.9	0.0	1.0
39	21.4	10828.3	350.0	-96.9	-121.9	99.9	99.9	99.9	99.9	330.8	319.9	0.0	1.0
40	21.4	11128.3	325.0	-101.9	-125.9	99.9	99.9	99.9	99.9	331.8	319.9	0.0	1.0
41	21.4	11428.3	300.0	-106.9	-129.9	99.9	99.9	99.9	99.9	332.8	319.9	0.0	1.0
42	21.4	11728.3	275.0	-111.9	-133.9	99.9	99.9	99.9	99.9	333.8	319.9	0.0	1.0
43	21.4	12028.3	250.0	-116.9	-137.9	99.9	99.9	99.9	99.9	334.8	319.9	0.0	1.0
44	21.4	12328.3	225.0	-121.9	-141.9	99.9	99.9	99.9	99.9	335.8	319.9	0.0	1.0
45	21.4	12628.3	200.0	-126.9	-145.9	99.9	99.9	99.9	99.9	336.8	319.9	0.0	1.0
46	21.4	12928.3	175.0	-131.9	-149.9	99.9	99.9	99.9	99.9	337.8	319.9	0.0	1.0
47	21.4	13228.3	150.0	-136.9	-153.9	99.9	99.9	99.9	99.9	338.8	319.9	0.0	1.0
48	21.4	13528.3	125.0	-141.9	-157.9	99.9	99.9	99.9	99.9	339.8	319.9	0.0	1.0
49	21.4	13828.3	100.0	-146.9	-161.9	99.9	99.9	99.9	99.9	340.8	319.9	0.0	1.0
50	21.4	14128.3	75.0	-151.9	-165.9	99.9	99.9	99.9	99.9	341.8	319.9	0.0	1.0
51	21.4	14428.3	50.0	-156.9	-169.9	99.9	99.9	99.9	99.9	342.8	319.9	0.0	1.0
52	21.4	14728.3	25.0	-161.9	-173.9	99.9	99.9	99.9	99.9	343.8	319.9	0.0	1.0
53	21.4	15028.3	0.0	-166.9	-177.9	99.9	99.9	99.9	99.9	344.8	319.9	0.0	1.0
54	21.4	15328.3	0.0	-171.9	-181.9	99.9	99.9	99.9	99.9	345.8	319.9	0.0	1.0
55	21.4	15628.3	0.0	-176.9	-185.9	99.9	99.9	99.9	99.9	346.8	319.9	0.0	1.0
56	21.4	15928.3	0.0	-181.9	-189.9	99.9	99.9	99.9	99.9	347.8	319.9	0.0	1.0
57	21.4	16228.3	0.0	-186.9	-193.9	99.9	99.9	99.9	99.9	348.8	319.9	0.0	1.0
58	21.4	16528.3	0.0	-191.9	-197.9	99.9	99.9	99.9	99.9	349.8	319.9	0.0	1.0
59	21.4	16828.3	0.0	-196.9	-201.9	99.9	99.9	99.9	99.9	350.8	319.9	0.0	1.0
60	21.4	17128.3	0.0	-201.9	-205.9	99.9	99.9	99.9	99.9	351.8	319.9	0.0	1.0

* BY SLOPED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLAHOMA

11 APRIL 1979
503 GMT

TIME MUT	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX PTD GPM/KG	RH PCT	RANGE KM	AZ DEG
0000	30.9	214.0	977.4	21.0	14.2	90.9	5.0	-5.3	0.0	296.7	328.4	12.0	74.0	0.0	0.0
0005	30.9	99.0	1000.0	00.0	00.0	90.9	9.0	9.0	9.0	99.9	99.9	99.9	99.9	99.9	99.9
0010	30.9	99.0	975.0	00.0	00.0	90.9	9.0	9.0	9.0	99.9	99.9	99.9	99.9	99.9	99.9
0015	30.9	99.0	950.0	10.5	10.5	120.3	10.7	-0.8	6.0	296.9	328.4	12.0	90.2	0.0	0.0
0020	30.9	99.0	925.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0025	30.9	99.0	900.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0030	30.9	99.0	875.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0035	30.9	99.0	850.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0040	30.9	99.0	825.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0045	30.9	99.0	800.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0050	30.9	99.0	775.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0055	30.9	99.0	750.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0100	30.9	99.0	725.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0105	30.9	99.0	700.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0110	30.9	99.0	675.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0115	30.9	99.0	650.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0120	30.9	99.0	625.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0125	30.9	99.0	600.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0130	30.9	99.0	575.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0135	30.9	99.0	550.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0140	30.9	99.0	525.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0145	30.9	99.0	500.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0150	30.9	99.0	475.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0155	30.9	99.0	450.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0200	30.9	99.0	425.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0205	30.9	99.0	400.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0210	30.9	99.0	375.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0215	30.9	99.0	350.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0220	30.9	99.0	325.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0225	30.9	99.0	300.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0230	30.9	99.0	275.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0235	30.9	99.0	250.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0240	30.9	99.0	225.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0245	30.9	99.0	200.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0250	30.9	99.0	175.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0255	30.9	99.0	150.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0300	30.9	99.0	125.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0305	30.9	99.0	100.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0310	30.9	99.0	75.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0315	30.9	99.0	50.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0320	30.9	99.0	25.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0325	30.9	99.0	0.0	10.4	10.4	170.1	7.0	-0.4	7.0	298.1	331.4	12.0	91.9	0.0	0.0
0330	30.9	99.0	99.0	00.0	00.0	90.9	9.0	9.0	9.0	99.9	99.9	99.9	99.9	99.9	99.9
0335	30.9	99.0	99.0	00.0	00.0	90.9	9.0	9.0	9.0	99.9	99.9	99.9	99.9	99.9	99.9
0340	30.9	99.0	99.0	00.0	00.0	90.9	9.0	9.0	9.0	99.9	99.9	99.9	99.9	99.9	99.9
0345	30.9	99.0	99.0	00.0	00.0	90.9	9.0	9.0	9.0	99.9	99.9	99.9	99.9	99.9	99.9
0350	30.9	99.0	99.0	00.0	00.0	90.9	9.0	9.0	9.0	99.9	99.9	99.9	99.9	99.9	99.9
0355	30.9	99.0	99.0	00.0	00.0	90.9	9.0	9.0	9.0	99.9	99.9	99.9	99.9	99.9	99.9
0400	30.9	99.0	99.0	00.0	00.0	90.9	9.0	9.0	9.0	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 7
DURANT, OKLA-OHA

11 OCT 1979

TIME MIN	CNTCT	WIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX STO GM/KG	RM PCT	RANGE KM	AZ DG
3.0	3.9	214.0	972.6	20.3	17.8	90.0	2.6	-2.6	0.0	295.5	330.2	13.3	97.0	9.9	0.0
9.0	3.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.0	3.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
21.0	3.9	415.6	991.0	19.0	99.9	99.9	99.9	99.9	99.9	296.5	99.9	99.9	99.9	99.9	99.9
27.0	3.9	643.7	925.0	19.4	99.9	99.9	99.9	99.9	99.9	298.1	99.9	99.9	99.9	99.9	99.9
33.0	3.9	477.1	900.0	17.7	99.9	99.9	99.9	99.9	99.9	299.7	99.9	99.9	99.9	99.9	99.9
39.0	3.9	1117.9	975.0	16.4	17.7	195.1	14.2	3.7	13.7	301.8	320.0	9.3	48.9	2.1	9.0
45.0	3.9	1154.5	850.0	14.9	99.9	199.6	14.4	5.5	15.4	301.8	99.9	99.9	99.9	99.9	99.9
51.0	3.9	1415.5	925.0	12.7	99.9	200.3	14.0	5.6	15.0	302.1	99.9	99.9	99.9	99.9	99.9
57.0	3.9	1972.7	800.0	13.9	99.9	199.1	15.1	4.9	14.2	302.2	99.9	99.9	99.9	99.9	99.9
63.0	3.9	2176.1	775.0	8.5	1.4	194.0	15.8	3.9	15.4	303.0	319.5	5.5	41.1	5.6	14.0
69.0	3.9	2434.4	750.0	6.0	0.7	186.1	17.0	1.4	16.9	303.1	319.3	5.4	44.4	6.7	14.0
75.0	3.9	2691.2	725.0	3.1	-0.3	177.3	19.6	-0.9	17.5	302.9	317.9	5.2	74.3	9.2	19.0
81.0	3.9	3265.2	700.0	0.0	-1.7	174.5	22.2	-2.2	23.0	302.5	315.2	4.8	94.0	12.1	6.0
87.0	3.9	3558.7	675.0	-2.0	-3.5	175.3	24.0	-2.2	23.0	302.5	313.3	3.4	59.4	15.0	3.0
93.0	3.9	4122.3	650.0	-4.2	-6.5	170.2	31.3	-4.5	31.0	303.4	313.3	3.1	71.9	20.1	2.0
99.0	3.9	4311.4	625.0	-6.4	-11.2	181.9	32.1	1.1	32.1	305.2	314.5	2.9	74.6	23.3	2.0
105.0	3.9	4573.0	600.0	-8.4	-14.5	190.9	39.9	3.9	37.0	306.4	314.5	2.7	74.6	25.4	2.0
111.0	3.9	4831.4	575.0	-10.7	-17.1	190.9	49.9	9.9	49.9	307.5	315.2	2.6	74.6	31.4	3.0
117.0	3.9	5211.4	550.0	-11.0	-17.2	199.9	59.9	9.9	59.9	315.3	324.0	2.9	92.4	99.9	99.9
123.0	3.9	5557.0	525.0	-13.6	-19.6	199.9	99.9	99.9	99.9	321.3	327.0	3.4	92.4	99.9	99.9
129.0	3.9	5992.0	500.0	-15.6	-21.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
135.0	3.9	6427.0	475.0	-17.6	-23.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
141.0	3.9	6862.0	450.0	-19.6	-25.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
147.0	3.9	7297.0	425.0	-21.6	-27.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
153.0	3.9	7732.0	400.0	-23.6	-29.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
159.0	3.9	8167.0	375.0	-25.6	-31.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
165.0	3.9	8602.0	350.0	-27.6	-33.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
171.0	3.9	9037.0	325.0	-29.6	-35.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
177.0	3.9	9472.0	300.0	-31.6	-37.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
183.0	3.9	9907.0	275.0	-33.6	-39.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
189.0	3.9	10342.0	250.0	-35.6	-41.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
195.0	3.9	10777.0	225.0	-37.6	-43.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
201.0	3.9	11212.0	200.0	-39.6	-45.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
207.0	3.9	11647.0	175.0	-41.6	-47.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
213.0	3.9	12082.0	150.0	-43.6	-49.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
219.0	3.9	12517.0	125.0	-45.6	-51.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
225.0	3.9	12952.0	100.0	-47.6	-53.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
231.0	3.9	13387.0	75.0	-49.6	-55.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
237.0	3.9	13822.0	50.0	-51.6	-57.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
243.0	3.9	14257.0	25.0	-53.6	-59.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
249.0	3.9	14692.0	0.0	-55.6	-61.6	199.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEC MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 4
FORT SMITH, ARKANSAS
10 APRIL 1979
1405 GMT

TIME MID	CNTCT	WEIGHT GPM	PRQS MR	TEMP DC C	DEW PT DC C	DIR DC	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DC K	E POT Y DC K	MX RTO GM/KG	PH PCT	RANGE AZ KM	OC
000	7.1	144.0	992.2	9.2	7.6	115.0	1.1	-4.6	2.2	233.9	373.0	6.6	99.0	0.0	0.
001	9.1	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
002	10.1	288.3	975.0	7.3	5.8	117.7	1.5	-8.4	4.4	233.1	299.4	5.4	93.2	0.4	255.
003	11.3	502.7	952.0	5.4	7.4	117.7	1.4	-10.1	7.3	233.1	299.4	5.4	93.2	0.4	255.
004	12.3	727.9	927.0	4.7	7.5	124.8	1.1	-12.4	8.6	233.1	299.4	5.4	93.2	0.4	255.
005	13.5	945.2	877.0	0.1	4.3	147.0	1.5	-9.5	14.7	299.9	373.0	5.4	93.2	0.4	255.
006	14.5	1133.4	877.0	10.7	9.9	171.5	1.9	-2.5	15.7	299.9	373.0	99.9	99.9	2.0	311.
007	15.7	1423.9	850.0	5.9	9.9	183.1	1.9	1.7	15.8	299.9	373.0	99.9	99.9	3.3	322.
008	16.7	1657.6	825.0	8.4	9.9	203.9	1.8	5.6	12.4	299.9	373.0	99.9	99.9	3.8	331.
009	17.8	1921.3	825.0	8.0	9.9	221.2	1.1	8.1	9.1	299.9	373.0	99.9	99.9	4.1	339.
010	18.8	2152.1	775.0	6.4	9.9	228.6	1.1	8.5	9.2	300.7	373.0	99.9	99.9	4.4	347.
011	19.8	2443.9	750.0	4.9	9.9	228.6	1.1	8.5	9.2	300.7	373.0	99.9	99.9	4.4	347.
012	20.8	2725.1	725.0	3.3	9.9	228.6	1.1	8.5	9.2	300.7	373.0	99.9	99.9	4.4	347.
013	21.8	3007.1	700.0	1.7	9.9	219.9	1.4	8.4	9.6	303.0	373.0	99.9	99.9	4.4	347.
014	22.8	3289.1	675.0	-0.2	-15.6	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
015	23.8	3571.1	650.0	-1.2	-15.6	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
016	24.8	3853.1	625.0	5.5	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
017	25.8	4135.1	600.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
018	26.8	4417.1	575.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
019	27.8	4700.0	550.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
020	28.8	4982.0	525.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
021	29.8	5264.0	500.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
022	30.8	5546.0	475.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
023	31.8	5828.0	450.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
024	32.8	6110.0	425.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
025	33.8	6392.0	400.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
026	34.8	6674.0	375.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
027	35.8	6956.0	350.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
028	36.8	7238.0	325.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
029	37.8	7520.0	300.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
030	38.8	7802.0	275.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
031	39.8	8084.0	250.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
032	40.8	8366.0	225.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
033	41.8	8648.0	200.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
034	42.8	8930.0	175.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
035	43.8	9212.0	150.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
036	44.8	9494.0	125.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
037	45.8	9776.0	100.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
038	46.8	10058.0	75.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
039	47.8	10340.0	50.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
040	48.8	10622.0	25.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
041	49.8	10904.0	0.0	9.9	9.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
042	50.8	11186.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
043	51.8	11468.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
044	52.8	11750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
045	53.8	12032.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
046	54.8	12314.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
047	55.8	12596.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
048	56.8	12878.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
049	57.8	13160.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.
050	58.8	13442.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	303.0	373.0	99.9	99.9	4.4	347.

99 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
99 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
99 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
FORT SMITH, ARKANSAS

10 APRIL 1979
1705 GMT

TIME MIN	CWTCY	HEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG C	WIND GMS	PH PCT	RANGE KM	AZ DEG
300	300	140.0	991.5	14.5	7.3	115.0	5.1	-9.4	2.2	249.4	305.4	6.3	42.0	0.0	0.0
305	300	93.0	1000.0	99.9	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
310	300	200.0	995.0	10.4	5.3	999.9	999.9	99.9	99.9	205.0	305.0	5.9	70.0	999.9	99.9
315	120.3	500.0	990.0	6.5	5.6	999.9	999.9	99.9	99.9	205.0	305.0	6.0	92.0	1.3	271.0
320	140.7	700.0	925.0	6.9	5.0	121.9	10.9	-9.3	5.0	205.0	305.0	5.9	92.0	1.9	270.0
325	170.2	840.0	970.0	9.2	4.5	190.0	16.2	-7.0	14.1	241.0	305.0	5.9	72.0	2.3	267.0
330	190.7	1141.9	975.0	11.0	7.0	167.6	16.6	-7.0	14.1	241.0	305.0	5.9	81.0	3.0	261.0
335	220.2	1420.5	950.0	10.7	9.5	140.7	15.1	0.2	15.1	240.9	305.0	5.9	94.0	3.5	311.0
340	240.7	1723.7	925.0	10.0	7.1	107.0	13.2	1.4	13.1	299.2	323.2	5.9	94.0	4.7	321.0
345	270.7	1920.5	870.0	9.4	7.5	104.9	12.6	1.5	12.5	300.1	323.2	6.2	70.4	4.5	327.0
350	290.7	2101.0	775.0	6.0	5.7	197.0	13.5	2.0	12.5	301.1	323.2	7.4	32.7	5.2	333.0
355	320.4	2341.0	750.0	5.1	5.2	195.7	14.2	3.0	13.6	302.1	323.2	6.0	81.7	5.5	330.0
360	350.2	2717.0	725.0	7.0	-1.6	203.6	16.7	6.7	15.3	303.0	323.2	4.7	65.1	6.4	342.0
365	380.3	3123.1	700.0	3.0	-14.2	215.3	19.7	11.4	16.0	306.0	323.2	1.9	25.1	7.2	343.0
370	410.4	3517.0	675.0	1.0	-17.4	216.9	23.0	11.7	19.5	307.4	323.2	1.4	27.6	9.2	350.0
375	440.5	3910.9	650.0	-1.2	-20.9	216.2	24.0	10.7	20.1	307.4	323.2	1.1	21.0	9.4	350.0
380	470.6	4304.8	625.0	-3.0	-27.9	210.7	24.4	15.3	19.1	309.1	323.2	0.4	12.5	10.9	350.0
385	500.7	4698.7	600.0	-4.9	-35.1	222.1	23.5	18.1	17.4	310.5	323.2	0.4	7.0	12.3	120.0
390	530.8	5092.6	575.0	-6.9	-42.0	229.0	24.1	18.1	16.0	312.0	323.2	0.4	7.0	13.6	140.0
395	560.9	5486.5	550.0	-9.4	-49.4	234.4	25.1	21.5	16.5	313.0	323.2	0.4	13.1	15.4	200.0
400	591.0	5880.4	525.0	-12.0	-56.7	233.0	26.9	21.5	16.2	314.0	323.2	0.4	13.1	17.1	240.0
405	621.1	6274.3	500.0	-14.6	-64.0	229.5	30.1	22.9	19.5	315.3	323.2	0.3	13.1	19.3	270.0
410	651.2	6668.2	475.0	-17.2	-71.3	224.4	31.1	22.9	21.4	315.3	323.2	0.2	13.1	21.9	300.0
415	681.3	7062.1	450.0	-20.2	-78.6	222.6	36.9	23.3	27.2	315.4	323.2	0.2	13.1	24.7	330.0
420	711.4	7456.0	425.0	-25.4	-85.9	233.1	37.5	23.3	16.5	316.0	323.2	0.1	13.1	27.9	350.0
425	741.5	7850.0	400.0	-28.4	-93.2	234.2	31.2	23.3	16.5	317.0	323.2	0.1	13.1	30.3	370.0
430	771.6	8244.0	375.0	-31.2	-100.5	230.5	27.7	23.3	24.0	318.0	323.2	0.1	13.1	32.7	390.0
435	801.7	8638.0	350.0	-34.0	-107.8	234.5	34.5	31.3	22.4	320.2	323.2	0.0	93.0	40.4	390.0
440	831.8	9032.0	325.0	-41.0	-115.1	236.6	47.1	39.7	25.9	322.4	323.2	0.0	93.0	47.1	410.0
445	861.9	9426.0	300.0	-44.3	-122.4	235.1	42.1	39.7	24.1	323.4	323.2	0.0	93.0	50.7	430.0
450	892.0	9820.0	275.0	-47.5	-129.7	234.4	49.9	40.5	29.0	324.4	323.2	0.0	93.0	56.1	450.0
455	922.1	10214.0	250.0	-50.8	-137.0	234.4	49.9	40.5	29.0	325.4	323.2	0.0	93.0	63.2	470.0
460	952.2	10608.0	225.0	-54.1	-144.3	234.4	49.9	40.5	29.0	326.4	323.2	0.0	93.0	70.3	490.0
465	982.3	11002.0	200.0	-57.4	-151.6	234.4	49.9	40.5	29.0	327.4	323.2	0.0	93.0	77.4	510.0
470	1012.4	11396.0	175.0	-60.7	-158.9	234.4	49.9	40.5	29.0	328.4	323.2	0.0	93.0	84.5	530.0
475	1042.5	11790.0	150.0	-64.0	-166.2	234.4	49.9	40.5	29.0	329.4	323.2	0.0	93.0	91.6	550.0
480	1072.6	12184.0	125.0	-67.3	-173.5	234.4	49.9	40.5	29.0	330.4	323.2	0.0	93.0	98.7	570.0
485	1102.7	12578.0	100.0	-70.6	-180.8	234.4	49.9	40.5	29.0	331.4	323.2	0.0	93.0	105.8	590.0
490	1132.8	12972.0	75.0	-73.9	-188.1	234.4	49.9	40.5	29.0	332.4	323.2	0.0	93.0	112.9	610.0
495	1162.9	13366.0	50.0	-77.2	-195.4	234.4	49.9	40.5	29.0	333.4	323.2	0.0	93.0	120.0	630.0
500	1193.0	13760.0	25.0	-80.5	-202.7	234.4	49.9	40.5	29.0	334.4	323.2	0.0	93.0	127.1	650.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 8
FORT SMITH, ARKANSAS

11 APRIL 1979
533 GMT

TIME MIN	CNTCT	WEIGHT GPM	PROPS %	TEMP DEG C	DTM DEG C	DIR CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT DEG K	E POT DEG K	WH RTO GPM/KG	DM PCT	RANGE KM	AZ DEG
303	765	144.3	91.73	14.3	11.2	205.0	4.7	7.8	6.1	289.5	318.5	9.5	93.0	0.9	30
304	303	30.9	132.0	66.4	77.9	90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
305	303	220.0	975.0	17.9	18.5	91.9	13.2	-13.2	0.4	289.1	712.7	8.3	90.7	0.4	2490
306	12.9	439.7	933.0	14.2	17.7	91.0	14.6	-15.4	2.5	289.2	311.7	9.5	93.9	0.9	2710
307	12.9	442.9	921.0	12.5	17.4	124.7	15.5	-15.2	10.5	290.8	311.7	9.3	94.3	1.8	2780
308	12.9	893.0	902.0	11.5	12.3	156.1	25.8	-10.4	23.5	295.4	323.1	12.5	71.7	3.1	2520
309	401	1131.7	975.0	14.4	16.3	173.3	29.6	-3.4	29.4	299.7	327.3	11.5	94.5	4.4	3150
310	401	1377.3	955.0	14.0	16.4	182.0	30.0	1.1	30.2	300.7	331.4	11.6	94.9	5.4	3250
311	401	1429.6	925.0	12.3	18.0	197.3	29.8	3.9	29.3	301.6	335.5	10.7	97.2	6.5	3320
312	401	1447.7	925.0	11.0	13.5	192.7	29.3	6.5	29.6	302.9	330.3	10.1	97.2	7.3	3370
313	401	2152.9	775.0	5.7	3.2	195.4	39.9	8.5	29.7	304.2	335.4	9.5	97.3	9.4	3430
314	401	2475.0	775.0	7.4	7.3	195.1	31.1	8.1	30.1	304.7	335.4	9.5	97.2	9.7	3490
315	401	2731.5	725.0	7.2	4.3	194.3	30.3	8.5	29.1	305.2	335.1	7.5	97.0	11.5	3530
316	401	3032.3	725.0	3.2	2.3	200.9	28.9	10.3	27.0	305.3	335.0	6.7	97.1	14.9	3570
317	401	3284.3	675.0	1.6	-27.3	212.0	27.7	10.7	27.5	307.5	310.4	1.0	15.0	14.9	3610
318	401	3530.1	655.0	2.7	-47.7	211.6	32.8	17.2	29.4	313.2	313.5	0.1	1.0	14.6	36
319	401	3787.3	425.0	1.2	-47.2	212.1	34.7	18.5	29.4	313.9	314.1	7.1	1.0	29.5	34
320	401	4038.2	420.0	-1.8	-51.1	216.2	32.1	18.9	25.9	314.0	314.3	0.1	1.0	22.1	10
321	401	4293.2	420.0	-1.8	-55.8	219.7	31.6	20.2	24.4	314.6	314.8	0.8	1.0	23.6	12
322	401	4548.9	425.0	-7.4	-54.6	222.4	28.3	19.1	20.9	315.3	315.5	0.8	1.0	25.2	14
323	401	4804.4	425.0	-6.4	-54.6	212.4	30.0	10.5	25.2	314.9	317.0	0.9	1.0	27.2	15
324	401	5060.4	425.0	-13.3	-58.3	207.6	36.74	17.0	32.5	316.9	317.0	7.0	1.0	29.8	17
325	401	5316.4	425.0	-14.2	-53.2	206.3	37.66	18.5	32.7	317.9	319.2	0.1	3.4	33.1	19
326	401	5572.4	425.0	-19.7	-49.5	209.3	40.18	19.7	39.0	318.3	319.9	0.1	5.4	36.7	20
327	401	5828.4	425.0	-22.0	-48.5	209.6	38.04	18.8	33.0	319.5	319.8	0.8	1.0	40.0	20
328	401	6084.4	425.0	-26.9	-46.5	211.9	38.04	19.1	32.3	320.2	320.3	0.8	2.4	43.4	21
329	401	6340.4	375.0	-30.9	-50.8	215.3	32.39	20.7	25.3	320.7	320.9	9.1	7.5	46.5	22
330	401	6596.4	350.0	-35.1	-50.1	218.8	37.74	22.5	30.2	321.5	321.9	0.1	19.9	49.5	23
331	401	6852.4	325.0	-38.9	-45.3	223.9	36.44	25.2	26.2	323.1	323.9	7.2	17.1	51.9	24
332	401	7108.4	325.0	-37.0	-49.9	228.3	43.00	32.4	29.1	324.8	325.9	9.9	923.9	54.9	24
333	401	7364.4	325.0	-47.5	-48.9	230.1	35.99	31.1	17.9	327.4	327.9	9.9	923.9	51.3	25
334	401	7620.4	255.0	-47.7	-48.9	231.8	31.88	30.0	15.0	330.7	330.9	9.9	923.9	48.1	26
335	401	7876.4	225.0	-52.7	-48.9	237.4	38.98	25.9	15.0	332.1	332.9	9.9	923.9	45.9	27
336	401	8132.4	200.0	-54.7	-48.9	237.2	39.18	32.8	21.1	338.2	338.9	9.9	923.9	75.0	28
337	401	8388.4	175.0	-52.6	-48.9	229.7	42.28	31.7	27.8	344.6	344.9	9.9	923.9	94.3	29
338	401	8644.4	150.0	-42.8	-48.9	220.3	46.14	28.8	35.1	351.9	351.9	9.9	923.9	91.2	30
339	401	8900.4	125.0	-57.6	-48.9	231.6	47.34	37.1	29.4	355.3	355.3	9.9	923.9	104.2	31
340	401	9156.4	100.0	-62.5	-48.9	239.9	99.9	99.9	99.9	407.1	407.1	9.9	923.9	99.9	32
341	401	9412.4	75.0	-65.6	-48.9	249.9	99.9	99.9	99.9	99.9	99.9	9.9	923.9	99.9	33
342	401	9668.4	50.0	-65.6	-48.9	259.9	99.9	99.9	99.9	99.9	99.9	9.9	923.9	99.9	34
343	401	9924.4	25.0	-65.6	-48.9	269.9	99.9	99.9	99.9	99.9	99.9	9.9	923.9	99.9	35
344	401	10180.4	0.0	-65.6	-48.9	279.9	99.9	99.9	99.9	99.9	99.9	9.9	923.9	99.9	36

a BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG
b BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
c BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 6
FORT SMITH, ARKANSAS
11 APR/L 1979
303 GMT

TIME MIN	CNCT	HEIGHT GPN	PRES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG M	S POT T DG K	MR PTO GM/KG	RM PCT	RANGE KM	AZ DG
300	9.7	144.0	982.9	13.9	12.9	30.9	3.6	-1.8	-3.1	298.5	310.1	9.4	92.0	0.0	0.
301	9.7	98.0	1000.0	95.9	95.9	99.0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
302	3.1	209.7	975.0	12.9	12.9	77.1	12.0	-11.7	-2.7	269.1	310.0	9.5	95.2	0.2	249.
303	11.3	427.1	950.0	12.4	12.0	101.3	10.7	9.5	2.1	299.7	313.9	9.4	97.9	0.6	255.
304	11.9	552.3	925.0	14.9	14.7	148.3	12.1	10.3	10.3	299.6	324.5	11.5	98.3	1.0	282.
305	13.2	695.6	900.0	15.7	15.4	175.7	15.3	15.2	15.2	297.7	320.3	12.4	98.4	1.5	311.
306	13.4	1123.0	875.0	14.6	14.4	185.5	22.7	11.2	22.6	298.0	330.6	11.9	98.3	2.4	333.
307	21.0	1370.9	850.0	14.3	14.0	198.9	25.3	3.9	25.0	301.1	333.1	11.9	98.2	3.5	345.
308	23.5	1423.1	825.0	12.4	12.1	192.3	26.4	9.6	25.7	301.7	331.1	10.9	97.9	4.5	351.
309	25.0	1491.9	800.0	12.1	11.8	193.2	28.3	6.5	27.6	304.1	334.1	11.0	97.9	5.5	355.
310	25.4	1474.5	775.0	9.5	9.2	193.8	31.2	7.4	30.3	304.1	332.1	9.5	97.5	6.2	359.
311	31.1	2413.6	750.0	8.3	7.8	192.4	31.3	6.7	30.5	305.9	330.4	8.4	97.3	8.1	1.
312	31.1	2703.0	725.0	6.9	6.5	193.1	28.0	8.1	27.3	307.1	330.7	8.4	97.1	9.0	2.
313	33.2	2048.6	700.0	5.9	5.3	193.8	28.3	6.7	27.5	308.9	331.7	9.0	96.9	10.0	3.
314	35.1	3235.2	675.0	2.2	1.6	197.0	25.0	7.3	23.9	308.1	326.4	6.4	95.4	10.9	4.
315	41.3	3844.1	650.0	-1.3	-2.4	198.0	27.5	6.9	26.0	307.5	321.4	5.0	92.7	12.5	6.
316	44.7	4200.1	625.0	-2.4	-3.9	198.2	25.5	8.0	24.3	305.6	319.5	3.7	76.6	14.4	8.
317	47.6	4228.2	600.0	-5.1	-12.1	201.4	25.7	9.4	23.0	310.2	317.9	2.9	54.6	16.2	9.
318	51.4	4555.5	575.0	-7.4	-15.9	197.7	26.7	8.2	25.5	311.4	315.1	1.5	37.4	18.1	10.
319	53.5	4934.3	550.0	-11.1	-25.8	191.2	29.0	5.6	28.5	311.0	315.1	1.3	44.2	20.0	11.
320	55.5	5248.7	525.0	-14.2	-25.8	190.4	33.0	5.9	32.4	311.4	315.1	1.2	44.2	22.0	11.
321	58.5	5623.1	500.0	-16.1	-19.3	191.9	31.5	6.0	30.9	313.4	318.6	1.7	75.3	24.4	11.
322	58.5	6004.4	475.0	-16.9	-27.0	204.1	37.8	15.4	34.6	317.2	322.5	1.6	73.5	26.4	11.
323	59.1	6314.4	450.0	-19.1	-21.7	212.5	41.7	22.4	35.2	320.5	325.3	1.5	71.3	28.5	14.
324	59.6	6599.4	425.0	-21.5	-25.3	213.6	35.6	19.7	29.7	321.4	325.2	1.1	71.3	30.5	16.
325	73.1	7232.1	400.0	-25.0	-23.2	217.4	37.8	22.9	30.0	322.5	325.3	0.8	67.8	32.8	17.
326	77.7	7742.1	375.0	-27.2	-12.8	217.5	40.0	24.3	31.8	324.3	325.3	0.6	64.6	34.3	19.
327	80.4	8240.2	350.0	-32.3	-37.1	217.1	37.1	22.7	30.0	325.2	326.4	0.4	61.5	36.2	20.
328	84.4	8750.1	325.0	-34.2	-41.4	215.9	37.2	21.4	30.1	325.5	327.9	0.3	58.1	38.4	21.
329	88.4	9260.9	300.0	-41.2	-46.9	217.7	37.2	22.8	29.4	327.3	329.9	0.3	55.9	40.4	21.
330	92.4	9770.9	275.0	-46.3	-49.9	219.3	47.6	30.2	36.8	328.1	329.9	0.3	53.9	42.4	21.
331	96.4	10280.9	250.0	-49.9	-49.9	217.9	50.7	31.2	40.0	329.0	329.9	0.3	51.9	44.4	25.
332	100.4	11130.2	225.0	-49.9	-49.9	220.4	35.5	23.3	27.0	328.0	329.9	0.3	49.9	46.4	26.
333	104.4	11913.0	200.0	-44.2	-49.9	230.2	36.7	29.7	24.8	331.1	329.9	0.3	47.9	48.4	26.
334	108.4	12745.4	175.0	-48.5	-49.9	230.5	36.5	28.1	23.2	333.2	329.9	0.3	45.9	50.4	30.
335	112.4	13705.9	150.0	-40.7	-49.9	223.9	43.6	30.2	31.5	345.5	329.9	0.3	43.9	52.4	31.
336	116.4	14946.5	125.0	-49.2	-49.9	999.9	999.9	99.9	99.9	387.8	999.9	99.9	99.9	99.9	99.9
337	120.4	15946.5	100.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
338	124.4	16946.5	75.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
339	128.4	17946.5	50.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
340	132.4	18946.5	25.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
341	136.4	19946.5	0.0	-49.9	-49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10

GOODLAND, KANSAS

10 APRIL 1979
1705 GMT

11° 00' 3

TIME MIN	CNTCT	HEIGHT GCM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E. ANT DEG K	MR STD GM/KG	DM PCV	SAVSZ KV	AZ DEG
0.2	19.2	1.15.0	957.3	5.0	4.0	160.0	11.8	-4.0	11.1	290.6	375.2	5.9	47.7	3.9	30
0.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	21.1	1298.9	957.3	4.7	3.9	99.9	99.9	99.9	99.9	201.1	375.0	4.0	94.1	99.9	99.9
1.2	23.4	1541.9	925.0	2.7	2.7	99.9	99.9	99.9	99.9	201.1	375.0	4.0	94.1	99.9	99.9
2.1	26.1	1790.7	902.0	1.4	1.4	99.9	99.9	99.9	99.9	201.1	375.0	4.0	94.1	99.9	99.9
3.3	24.4	2144.2	875.0	-0.1	-0.1	164.4	11.9	-3.1	11.1	292.7	375.1	4.3	173.5	1.5	99.9
4.1	11.2	2728.4	850.0	1.7	-3.7	189.7	12.5	1.9	12.3	292.7	375.1	4.3	173.5	1.5	99.9
5.1	33.9	2543.4	825.0	1.8	-4.8	196.3	12.1	3.5	12.0	301.4	375.1	4.3	173.5	1.5	99.9
5.2	35.4	2463.4	800.0	-0.4	-7.9	199.3	11.7	4.0	11.4	302.1	375.1	4.3	173.5	1.5	99.9
7.2	33.1	3155.2	775.0	-2.5	-11.5	209.2	11.7	5.7	17.2	302.1	375.1	4.3	173.5	1.5	99.9
9.3	41.9	3453.2	750.0	-4.2	-11.7	204.0	12.8	5.2	11.7	302.1	375.1	4.3	173.5	1.5	99.9
3.3	47.4	3762.2	725.0	-6.2	-11.4	195.1	13.0	4.3	13.3	302.1	375.1	4.3	173.5	1.5	99.9
1.4	53.4	4080.9	700.0	-9.0	-11.5	193.1	13.9	3.1	13.5	302.1	375.1	4.3	173.5	1.5	99.9
1.5	53.4	4410.3	675.0	-10.5	-11.2	192.4	13.9	4.2	12.9	302.1	375.1	4.3	173.5	1.5	99.9
1.5	53.4	4751.0	650.0	-13.1	-10.0	197.9	13.5	5.4	14.5	310.0	375.1	4.3	173.5	1.5	99.9
1.5	53.4	5103.9	625.0	-15.4	-20.0	201.5	13.7	6.1	15.6	310.0	375.1	4.3	173.5	1.5	99.9
1.5	53.4	5451.0	600.0	-18.3	-31.0	201.2	13.7	6.7	13.1	312.4	375.1	4.3	173.5	1.5	99.9
1.5	53.4	5800.0	575.0	-21.0	-33.0	206.8	13.7	6.4	12.4	313.3	375.1	4.3	173.5	1.5	99.9
1.5	53.4	6148.3	550.0	-23.9	-37.5	207.7	13.9	5.8	12.2	314.7	375.1	4.3	173.5	1.5	99.9
1.5	53.4	6496.5	525.0	-26.9	-39.8	207.7	13.9	4.3	13.5	315.9	375.1	4.3	173.5	1.5	99.9
2.1	73.0	6844.7	500.0	-30.2	-39.4	194.0	13.9	3.3	13.5	317.1	375.1	4.3	173.5	1.5	99.9
2.1	73.0	7192.9	475.0	-34.2	-41.7	193.9	13.9	2.2	17.4	317.1	375.1	4.3	173.5	1.5	99.9
2.1	73.0	7541.1	450.0	-38.2	-43.6	189.2	13.5	1.3	12.1	317.1	375.1	4.3	173.5	1.5	99.9
2.1	73.0	7889.3	425.0	-43.2	-43.6	189.2	13.5	0.4	10.3	317.1	375.1	4.3	173.5	1.5	99.9
2.1	73.0	8237.5	400.0	-47.4	-43.6	189.2	13.5	1.1	10.1	320.1	375.1	4.3	173.5	1.5	99.9
2.1	73.0	8585.7	375.0	-51.9	-43.6	189.2	13.5	2.3	9.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	8933.9	350.0	-55.2	-43.6	189.2	13.5	1.9	12.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	9282.1	325.0	-58.5	-43.6	189.2	13.5	5.4	14.0	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	9630.3	300.0	-61.7	-43.6	189.2	13.5	5.9	11.4	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	9978.5	275.0	-65.0	-43.6	189.2	13.5	6.6	15.1	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	10326.7	250.0	-68.3	-43.6	189.2	13.5	10.8	12.5	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	10674.9	225.0	-71.6	-43.6	189.2	13.5	9.9	9.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	11023.1	200.0	-75.0	-43.6	189.2	13.5	9.9	9.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	11371.3	175.0	-78.3	-43.6	189.2	13.5	9.9	9.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	11719.5	150.0	-81.6	-43.6	189.2	13.5	9.9	9.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	12067.7	125.0	-85.0	-43.6	189.2	13.5	9.9	9.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	12415.9	100.0	-88.3	-43.6	189.2	13.5	9.9	9.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	12764.1	75.0	-91.6	-43.6	189.2	13.5	9.9	9.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	13112.3	50.0	-95.0	-43.6	189.2	13.5	9.9	9.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	13460.5	25.0	-98.3	-43.6	189.2	13.5	9.9	9.9	324.0	375.1	4.3	173.5	1.5	99.9
2.1	73.0	13808.7	0.0	-101.6	-43.6	189.2	13.5	9.9	9.9	324.0	375.1	4.3	173.5	1.5	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10 GOODLAND, KANSAS													
11 APRIL 1979 502 GMT													
TIME MIN	CNTCT	HEIGHT GPM	PRSS MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	WXT MTO GM/KG	RM PCT
000	134	1115.0	955.4	6.4	5.2	100.0	8.1	-7.9	1.4	231.4	309.5	6.4	92.0
005	136	930.0	1075.0	90.0	90.0	90.0	99.1	90.0	90.0	92.0	90.0	90.0	90.0
010	138	990.0	975.0	95.0	90.0	90.0	99.1	90.0	90.0	90.0	90.0	90.0	90.0
015	139	990.0	950.0	90.0	90.0	90.0	99.1	90.0	90.0	90.0	90.0	90.0	90.0
020	140	990.0	925.0	85.0	90.0	90.0	99.1	90.0	90.0	90.0	90.0	90.0	90.0
025	141	990.0	900.0	80.0	90.0	90.0	99.1	90.0	90.0	90.0	90.0	90.0	90.0
030	142	990.0	875.0	75.0	90.0	90.0	99.1	90.0	90.0	90.0	90.0	90.0	90.0
035	143	1220.4	850.0	5.1	4.9	130.0	23.2	-17.0	1.4	291.5	309.5	6.4	90.0
040	144	1500.0	825.0	4.1	3.8	130.0	22.4	-15.4	1.4	291.5	309.5	6.4	90.0
045	145	1755.2	800.0	2.7	2.3	145.6	22.1	-12.5	18.3	294.0	309.4	5.7	97.4
050	146	2013.0	775.0	2.1	1.8	161.0	21.0	-8.8	19.2	295.1	311.6	5.6	97.6
055	147	2277.5	750.0	0.5	0.1	167.9	18.9	-4.0	18.4	297.1	311.3	5.2	97.4
060	148	2500.2	725.0	-1.3	-1.7	162.0	14.5	-4.3	14.0	297.1	311.0	4.7	97.3
065	149	2829.5	700.0	-3.0	-4.1	160.3	10.7	-2.9	10.3	299.2	310.6	4.3	91.9
070	150	3115.1	675.0	-4.6	-5.5	162.9	9.7	-2.9	9.3	300.5	311.3	3.8	93.9
075	151	3412.9	650.0	-6.4	-7.9	167.9	8.7	-3.3	8.1	301.7	311.4	3.5	95.9
080	152	3719.4	625.0	-8.1	-9.9	148.2	8.9	-4.9	7.3	302.1	310.4	2.9	94.4
085	153	4013.1	600.0	-11.7	-13.0	148.4	7.9	-4.5	6.4	303.1	310.1	2.4	97.1
090	154	4306.6	575.0	-13.7	-15.3	148.4	8.0	-4.0	6.2	304.0	308.7	1.5	95.6
095	155	4605.6	550.0	-15.6	-17.9	150.4	8.9	-4.4	7.9	305.7	309.1	1.1	51.5
100	156	4905.0	525.0	-17.9	-20.3	145.3	7.1	-4.0	5.9	306.9	307.9	0.9	52.1
105	157	5205.0	500.0	-21.3	-24.5	134.1	7.3	-5.2	5.1	307.1	309.5	0.7	52.0
110	158	5504.4	475.0	-23.7	-26.9	128.3	7.3	-5.7	4.5	309.4	311.7	1.0	52.0
115	159	5804.4	450.0	-26.4	-30.2	128.2	9.1	-4.4	7.7	310.0	311.1	0.3	15.4
120	160	6107.7	425.0	-28.7	-32.2	128.2	10.2	-4.1	9.3	311.0	311.4	0.1	15.9
125	161	6407.3	400.0	-32.4	-35.3	150.2	13.9	-5.6	12.7	312.9	313.1	0.1	30.2
130	162	6707.0	375.0	-35.6	-38.6	145.2	17.7	-6.0	16.7	314.6	314.8	0.1	10.5
135	163	7006.1	350.0	-38.5	-41.1	145.6	17.3	-9.9	14.2	315.5	315.7	0.1	17.0
140	164	7305.2	325.0	-44.3	-46.3	128.6	19.3	-15.9	11.7	315.5	309.9	99.9	90.0
145	165	7604.5	300.0	-49.5	-50.9	117.0	22.1	-19.7	10.0	315.5	309.9	99.9	90.0
150	166	7903.9	275.0	-54.0	-56.0	130.7	22.2	-18.4	14.5	317.0	309.9	99.9	90.0
155	167	8203.1	250.0	-57.9	-59.9	140.7	16.2	-4.1	15.7	317.0	309.9	99.9	90.0
160	168	8502.9	225.0	-60.4	-62.4	191.7	15.4	2.1	15.0	341.2	309.9	99.9	90.0
165	169	8802.9	200.0	-65.7	-67.9	190.6	15.2	2.8	14.9	354.1	309.9	99.9	90.0
170	170	9102.9	175.0	-72.5	-74.9	192.1	16.4	3.4	16.0	363.3	309.9	99.9	90.0
175	171	9402.9	150.0	-76.4	-78.9	210.4	16.1	9.5	13.0	372.4	309.9	99.9	90.0
180	172	9702.9	125.0	-80.4	-82.9	222.8	14.5	9.9	10.5	392.1	309.9	99.9	90.0
185	173	10002.9	100.0	-84.2	-86.2	222.8	18.5	12.6	13.6	419.0	309.9	99.9	90.0
190	174	10302.9	75.0	-88.7	-90.9	99.9	99.9	99.9	99.9	454.2	309.9	99.9	90.0
195	175	10602.9	50.0	-90.9	-92.9	99.9	99.9	99.9	99.9	99.9	309.9	99.9	90.0
200	176	10902.9	25.0	-95.3	-97.9	99.9	99.9	99.9	99.9	99.9	309.9	99.9	90.0
205	177	11202.9	0.0	-99.9	-101.9	99.9	99.9	99.9	99.9	99.9	309.9	99.9	90.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS

11 APRIL 1979
001 GMT

TIME 414	CHTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	F POT T DEG K	WZ RTD G4/KG	SN PCT	RANGE KM	AZ DEG
3-3	19-1	1115-0	954-0	6-4	4-9	110-0	7-7	-7-2	2-4	231-5	304-3	4-3	71-9	113	05, 9
3-3	32-0	97-0	1003-0	09-0	09-0	90-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
3-3	32-0	99-0	975-0	09-0	09-0	90-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
3-3	32-0	99-0	950-0	09-0	09-0	90-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
3-3	32-0	99-0	925-0	09-0	09-0	90-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
3-3	32-0	99-0	900-0	09-0	09-0	90-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
3-3	32-0	99-0	875-0	09-0	09-0	90-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
3-3	32-0	99-0	850-0	09-0	09-0	90-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
3-3	23-0	1240-3	825-0	3-4	1-0	99-0	99-9	99-9	99-9	222-4	312-7	5-5	64-4	113	05, 9
3-3	23-0	1743-5	803-0	2-6	2-4	99-0	99-9	99-9	99-9	292-5	307-7	5-4	107-5	113	05, 9
3-3	29-1	2702-0	775-0	1-5	1-5	99-0	99-9	99-9	99-9	275-4	310-4	4-5	73-9	113	05, 9
3-3	32-7	2244-3	752-0	0-5	0-4	99-0	99-9	99-9	99-9	297-1	311-6	5-3	117-0	113	05, 9
3-3	37-3	2535-4	725-0	-1-4	-1-5	99-0	99-9	99-9	99-9	297-9	311-6	4-4	86-5	113	05, 9
3-3	36-0	2514-9	700-0	-2-3	-2-4	140-2	13-4	-7-1	11-4	298-9	312-9	4-7	70-1	113	05, 9
3-3	33-9	3102-2	675-0	-4-3	-4-4	140-9	12-5	-6-9	10-4	300-8	312-4	4-1	70-7	113	05, 9
3-3	41-5	3703-4	650-0	-6-0	-6-1	140-2	12-0	-7-1	10-7	301-2	305-2	2-7	74-0	113	05, 9
3-3	40-3	3703-5	625-0	-8-1	-8-2	140-3	11-2	-6-5	9-1	302-0	305-7	2-3	74-0	113	05, 9
3-3	41-5	4018-1	600-0	-11-0	-11-5	130-1	6-2	-4-3	4-4	302-7	305-5	1-0	72-7	113	05, 9
3-3	52-3	4333-1	575-0	-13-4	-13-9	140-5	5-4	-4-5	5-7	304-2	305-9	0-9	70-1	113	05, 9
3-3	53-3	4647-0	550-0	-15-0	-15-4	140-8	5-4	-5-3	7-4	305-4	307-9	0-4	70-1	113	05, 9
3-3	56-3	5020-4	525-0	-17-0	-17-4	140-3	5-4	-5-0	9-1	306-2	308-7	0-4	70-1	113	05, 9
3-3	53-3	5331-0	500-0	-19-0	-19-7	150-0	5-4	-4-0	9-5	307-5	309-4	0-4	70-1	113	05, 9
3-3	62-9	5708-2	475-0	-21-0	-21-7	150-7	5-0	-4-0	9-1	308-0	309-4	0-4	70-1	113	05, 9
3-3	61-0	6100-1	450-0	-23-0	-23-1	140-1	9-3	-4-0	7-9	309-1	309-7	0-2	70-1	113	05, 9
3-3	63-0	5500-5	425-0	-25-0	-25-2	140-7	8-7	-4-4	7-5	310-3	311-0	0-2	70-1	113	05, 9
3-3	73-1	6000-0	400-0	-27-0	-27-0	140-7	8-2	-2-5	7-4	311-4	311-9	0-1	70-1	113	05, 9
3-3	76-0	7400-0	375-0	-29-0	-29-0	150-2	12-7	-11-4	11-8	312-9	312-9	0-1	70-1	113	05, 9
3-3	83-7	7921-4	350-0	-31-0	-31-7	150-0	18-9	-11-4	14-0	313-3	313-3	0-0	70-1	113	05, 9
3-3	84-7	8420-5	325-0	-33-0	-33-9	150-7	21-3	-14-0	15-5	314-3	314-3	0-0	70-1	113	05, 9
3-3	88-9	8949-4	300-0	-35-0	-35-3	150-4	19-5	-9-4	16-0	315-0	315-0	0-0	70-1	113	05, 9
3-3	93-2	9510-4	275-0	-37-0	-37-9	150-6	14-1	-3-0	13-8	316-1	316-1	0-0	70-1	113	05, 9
3-3	97-9	10110-4	250-0	-39-0	-39-4	160-0	14-4	-2-9	14-2	317-5	317-5	0-0	70-1	113	05, 9
3-3	102-9	10736-3	225-0	-41-0	-41-2	160-4	14-4	0-4	14-4	318-2	318-2	0-0	70-1	113	05, 9
3-3	108-2	11600-9	200-0	-43-0	-43-5	160-4	12-7	3-8	14-2	319-3	319-3	0-0	70-1	113	05, 9
3-3	114-0	12475-5	175-0	-45-0	-45-1	160-2	17-1	9-6	16-2	320-3	320-3	0-0	70-1	113	05, 9
3-3	120-3	13472-7	150-0	-47-0	-47-1	160-0	20-0	9-4	17-7	321-4	321-4	0-0	70-1	113	05, 9
3-3	127-3	14407-7	125-0	-49-0	-49-9	220-4	16-8	11-3	12-4	322-5	322-5	0-0	70-1	113	05, 9
3-3	135-3	15070-7	100-0	-51-0	-51-8	220-4	16-8	9-9	9-9	323-6	323-6	0-0	70-1	113	05, 9
3-3	99-0	99-0	75-0	99-0	99-0	99-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
3-3	99-0	99-0	50-0	99-0	99-0	99-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9
3-3	99-0	99-0	25-0	99-0	99-0	99-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9	99-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE 00 TIME HAVE BEEN INTERPOLATED
 2 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS

10 APRIL 1979
1131 GMT

TIME M14	CATCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPFED M/SEC	U COMB M/SEC	V COMB M/SEC	POT Y DEG K	E BOT Y DEG K	WX STG CM/KG	RM PCT	116 79. 0	RANGE KM	AZ DEG
3.0	10.6	521.0	941.2	13.5	17.2	270.0	1.7	1.0	0.0	274.9	111.1	17.1	91.2	116 79. 0	2.2	90
3.9	9.9	90.0	1008.0	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
3.9	12.9	450.9	925.7	16.3	16.4	99.9	99.9	99.9	99.9	200.5	313.0	17.9	9.9	9.9	9.9	9.9
1.5	13.1	904.0	927.0	15.3	15.1	009.9	99.9	99.9	99.9	200.5	313.0	17.9	9.9	9.9	9.9	9.9
2.5	17.3	1144.7	875.0	15.0	15.6	999.0	99.9	99.9	99.9	370.4	314.7	12.6	9.9	9.9	9.9	9.9
3.4	12.5	1131.7	870.0	15.0	13.7	999.0	99.9	99.9	99.9	370.4	314.7	12.6	9.9	9.9	9.9	9.9
4.3	21.8	1645.1	925.0	14.1	13.7	999.0	99.9	99.9	99.9	303.9	314.2	12.1	9.9	9.9	9.9	9.9
5.2	24.1	1935.0	925.0	12.3	11.9	999.0	99.9	99.9	99.9	303.9	314.2	12.1	9.9	9.9	9.9	9.9
6.2	26.4	2171.0	775.0	17.7	17.2	176.5	11.0	9.9	11.0	303.9	314.2	12.1	9.9	9.9	9.9	9.9
7.2	28.8	2444.5	750.0	9.9	4.2	176.5	11.0	9.9	11.0	303.9	314.2	12.1	9.9	9.9	9.9	9.9
8.2	31.1	2724.7	725.0	9.0	-21.0	176.5	11.2	1.1	11.1	303.2	311.5	10.3	11.6	11.6	4.2	25.0
9.3	33.6	3013.7	735.0	7.4	-45.4	208.0	11.6	5.4	10.2	310.6	311.0	9.1	1.3	1.3	4.9	25.0
10.3	36.0	3311.3	675.0	5.2	-42.5	216.1	11.4	7.4	17.0	311.4	311.0	9.1	1.3	1.3	5.1	2.0
11.3	38.5	3617.5	650.0	2.7	-79.3	221.4	13.7	9.4	10.3	311.6	312.4	7.2	3.1	3.1	4.2	4.0
12.3	41.1	3926.4	625.0	-2.4	-34.9	223.7	15.0	11.1	11.7	312.1	313.1	7.3	3.1	3.1	7.1	1.0
13.3	43.7	4247.1	600.0	-2.6	-45.5	224.7	16.0	13.3	13.5	313.1	313.5	6.1	2.5	2.5	9.1	1.0
14.3	46.4	4593.7	575.0	-4.7	-39.7	219.0	21.5	14.3	16.0	314.5	315.4	6.2	1.4	1.4	9.4	21.0
15.2	49.1	4941.1	550.0	-7.3	-29.9	210.0	23.1	14.5	17.9	315.4	317.4	6.5	14.3	14.3	11.1	24.0
16.2	51.9	5301.3	525.0	-10.7	-32.6	210.5	24.9	14.6	17.6	315.6	317.2	7.5	14.3	14.3	12.4	24.0
17.4	54.9	5674.1	500.0	-13.4	-37.0	222.1	25.1	14.8	16.4	316.4	317.2	9.3	1.3	1.3	14.2	24.0
18.9	57.5	6051.5	475.0	-16.9	-60.7	225.0	21.7	15.3	15.3	317.0	317.1	9.2	1.7	1.7	15.2	23.0
20.3	59.4	6464.4	450.0	-20.3	-44.4	227.4	20.8	15.3	14.1	317.8	318.2	9.1	4.0	4.0	17.5	31.0
22.9	63.0	6896.7	425.0	-23.9	-51.1	229.1	20.4	15.2	13.6	318.4	318.7	9.1	4.0	4.0	17.1	32.0
24.2	67.1	7324.3	400.0	-27.7	-51.3	230.8	20.4	16.2	14.1	319.6	319.8	9.1	4.0	4.0	21.3	34.0
25.9	70.4	7755.0	375.0	-30.9	-55.7	230.8	20.4	20.4	15.7	320.7	320.9	9.1	4.0	4.0	23.2	34.0
27.5	73.9	8272.0	350.0	-34.1	-57.8	229.4	30.8	23.4	20.0	322.7	322.7	9.2	7.0	7.0	24.1	37.0
29.4	77.4	8797.5	325.0	-37.4	-59.4	234.4	32.7	26.6	19.3	325.1	325.2	9.2	9.2	9.2	27.5	37.0
31.3	81.2	9338.5	300.0	-40.9	99.9	232.7	30.1	28.7	21.9	327.4	327.4	9.2	9.2	9.2	27.5	41.0
33.2	85.1	9873.5	275.0	-44.5	99.9	234.7	41.6	31.9	20.7	329.7	329.7	9.2	9.2	9.2	27.5	42.0
35.3	89.2	10394.2	250.0	-48.4	99.9	236.1	33.8	35.9	17.3	332.7	332.7	9.2	9.2	9.2	27.5	44.0
37.6	93.6	11243.7	225.0	-51.5	99.9	242.3	35.2	31.1	16.4	337.5	337.5	9.2	9.2	9.2	27.5	47.0
40.7	98.2	12770.7	200.0	-54.0	99.9	245.6	32.3	29.4	13.4	347.2	347.2	9.2	9.2	9.2	27.5	47.0
43.2	98.2	12770.7	175.0	-57.1	99.9	241.3	33.6	29.5	15.1	354.7	354.7	9.2	9.2	9.2	27.5	47.0
46.1	103.4	13822.4	150.0	-58.5	99.9	242.5	26.2	23.3	12.1	359.7	359.7	9.2	9.2	9.2	27.5	47.0
49.7	113.3	14966.9	125.0	-59.5	99.9	242.0	26.2	21.7	11.5	360.7	360.7	9.2	9.2	9.2	27.5	47.0
53.9	122.3	15353.5	100.0	-51.6	99.9	99.9	99.9	99.9	99.9	400.8	400.8	9.2	9.2	9.2	27.5	47.0
59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

6 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
8 BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED
99 BY SOTED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS10 APRIL 1979
20-3 GMT

TIME	CNTCT	WPGHT	PRCS	TEMP	DEW PT	DIR	SPEED	U COMP	V COMD	POT T	E POT T	MR RTD	DN	RANGE	AZ
MIN		COM	MS	CG C	DC C	DC	M/SEC	M/SEC	M/SEC	DC K	DC K	GM/KG	PCT	MM	DS
00	1204	5010	9370	26.5	15.5	1500	7.7	-3.0	6.7	335.6	330.1	12.3	52.0	0.0	0
01	1103	5000	1730	26.0	15.0	9900	9.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
02	1002	4990	0750	25.5	14.5	9900	9.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
03	0901	4980	0500	25.0	14.0	9900	9.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
04	0800	4970	0250	24.5	13.5	1700	11.2	-2.8	9.4	304.5	300.0	13.1	54.0	0.0	0
05	1701	4960	0000	24.0	13.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
06	1600	4950	0000	23.5	12.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
07	1500	4940	0000	23.0	12.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
08	1400	4930	0000	22.5	11.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
09	1300	4920	0000	22.0	11.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
10	1200	4910	0000	21.5	10.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
11	1100	4900	0000	21.0	10.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
12	1000	4890	0000	20.5	9.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
13	0900	4880	0000	20.0	9.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
14	0800	4870	0000	19.5	8.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
15	0700	4860	0000	19.0	8.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
16	0600	4850	0000	18.5	7.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
17	0500	4840	0000	18.0	7.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
18	0400	4830	0000	17.5	6.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
19	0300	4820	0000	17.0	6.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
20	0200	4810	0000	16.5	5.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
21	0100	4800	0000	16.0	5.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
22	0000	4790	0000	15.5	4.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
23	2300	4780	0000	15.0	4.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
24	2200	4770	0000	14.5	3.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
25	2100	4760	0000	14.0	3.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
26	2000	4750	0000	13.5	2.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
27	1900	4740	0000	13.0	2.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
28	1800	4730	0000	12.5	1.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
29	1700	4720	0000	12.0	1.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
30	1600	4710	0000	11.5	0.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
31	1500	4700	0000	11.0	0.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
32	1400	4690	0000	10.5	-0.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
33	1300	4680	0000	10.0	-1.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
34	1200	4670	0000	9.5	-1.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
35	1100	4660	0000	9.0	-2.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
36	1000	4650	0000	8.5	-2.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
37	0900	4640	0000	8.0	-3.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
38	0800	4630	0000	7.5	-3.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
39	0700	4620	0000	7.0	-4.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
40	0600	4610	0000	6.5	-4.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
41	0500	4600	0000	6.0	-5.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
42	0400	4590	0000	5.5	-5.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
43	0300	4580	0000	5.0	-6.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
44	0200	4570	0000	4.5	-6.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
45	0100	4560	0000	4.0	-7.0	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0
46	0000	4550	0000	3.5	-7.5	1600	11.3	-2.7	10.0	304.5	300.0	13.1	54.0	0.0	0

0.17 SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
 0.34 TWO MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 0.41 SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

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STATION NO. 12
JUNCTION, TEXAS
11 APRIL 1979
213 GMT

TIME	CNTCT	WFOHT	PRFS	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MY STO	RM	RANGP	AZ
MIN		GP4	MH	DC C	DC C	DC	M/SEC	M/SEC	M/SEC	DC K	DC K	CHRG	PCT	KM	DEG
3.3	13.7	521.0	933.9	22.0	19.6	150.0	6.0	-3.0	5.2	301.0	330.9	14.6	41.0	5.2	0.
3.9	19.0	95.9	1030.0	05.9	09.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.9	39.0	99.9	975.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.3	39.0	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	13.7	503.7	925.0	22.0	19.6	137.6	6.0	-5.7	6.3	301.9	340.4	14.6	79.1	6.1	339
3.1	15.0	441.0	930.0	20.5	19.6	134.4	11.2	-7.9	9.0	302.7	343.4	15.2	49.1	6.5	319
2.3	18.2	1045.6	875.0	18.5	17.6	145.2	15.6	-8.8	12.7	303.0	342.4	14.7	94.4	1.2	314
3.3	22.4	1336.1	437.0	17.4	15.7	174.7	18.1	-6.4	17.5	304.4	341.2	13.4	77.0	2.2	321
3.3	22.4	1591.5	425.0	18.5	9.1	174.7	19.0	-1.8	19.6	309.1	341.4	9.7	51.0	3.2	332
4.5	25.1	1955.3	933.0	18.4	9.2	186.4	22.0	2.5	21.9	310.7	325.1	4.9	23.5	4.1	317
5.1	27.4	2127.0	773.0	18.0	-7.1	190.6	21.1	6.9	20.4	313.2	320.4	2.5	14.4	5.1	366
5.4	29.7	2405.2	750.0	16.7	-11.0	205.9	21.0	9.2	18.8	314.3	321.2	2.2	14.2	6.0	352
7.3	32.1	2692.5	725.0	11.8	-12.8	212.1	21.2	11.3	17.9	314.6	320.6	2.0	14.5	7.1	359
9.5	34.4	2746.4	700.0	11.0	-15.0	216.9	19.0	10.9	14.4	314.7	320.1	1.7	14.5	8.2	4.
9.9	37.1	3297.7	475.0	7.2	-17.8	217.0	18.1	10.9	14.4	314.8	319.7	1.5	17.7	9.3	9.
11.3	37.7	3597.4	650.0	5.3	-17.3	213.3	24.0	13.2	20.1	315.0	319.8	1.3	17.7	10.4	12.
12.1	-2.2	3913.5	625.0	2.3	-18.9	218.9	23.0	14.4	17.9	315.0	319.5	1.4	19.1	12.2	15.
13.3	4.0	4283.2	612.0	-0.4	-23.4	224.5	22.7	15.9	16.2	315.2	319.2	1.3	20.9	13.5	14.
14.4	4.4	4541.0	575.0	-7.0	-21.2	225.7	25.1	18.0	17.5	315.6	318.9	1.0	23.1	14.1	13.
15.3	5.3	4702.4	550.0	-7.0	-25.0	225.0	27.0	19.9	19.2	315.8	318.8	0.9	22.1	17.3	24.
17.1	53.1	5237.2	525.0	-10.4	-26.7	225.8	28.0	21.1	19.3	315.9	318.7	0.8	24.8	19.1	27.
18.5	50.0	5663.4	530.0	-17.7	-24.9	224.2	30.0	22.8	20.3	316.4	319.2	0.8	31.2	21.4	29.
20.2	54.7	6250.8	475.0	-17.7	-37.1	235.8	32.1	26.7	19.2	317.0	319.2	0.7	30.9	24.4	32.
21.3	52.0	6454.4	450.0	-15.7	-74.5	240.3	35.0	31.2	17.9	318.5	320.1	0.5	25.4	27.6	35.
22.1	53.1	6777.1	425.0	-21.9	-77.5	245.0	37.0	32.6	15.1	321.0	320.0	0.3	19.3	31.7	39.
23.3	64.4	7127.9	400.0	-25.2	-44.3	242.8	36.0	32.7	14.9	322.2	320.9	0.2	14.9	35.5	42.
24.9	71.7	7735.1	375.0	-28.7	-46.3	246.2	40.0	37.5	15.0	324.2	320.9	0.2	15.7	39.6	45.
26.3	75.1	8273.3	350.0	-31.3	-57.5	241.7	40.0	35.9	19.3	326.6	320.9	0.1	12.4	44.3	47.
31.9	79.7	9200.0	325.0	-35.0	-54.1	243.5	40.0	35.8	17.9	329.5	320.9	0.1	12.2	44.4	49.
33.5	82.5	9343.5	300.0	-39.1	-57.2	246.4	39.0	33.7	14.4	332.3	319.5	0.1	12.4	52.4	49.
34.7	86.4	9444.1	275.0	-41.8	-60.0	243.3	39.0	35.6	17.9	331.7	319.0	99.9	99.9	57.2	51.
37.5	93.6	10547.7	250.0	-44.8	-59.9	234.1	38.0	32.7	20.4	336.4	319.9	99.9	99.9	61.5	52.
38.3	95.0	11272.0	225.0	-52.0	-60.0	232.9	37.0	30.7	22.4	339.9	319.9	99.9	99.9	65.5	52.
41.3	97.7	12024.3	200.0	-57.6	-60.0	229.3	33.0	25.1	21.6	341.6	319.9	99.9	99.9	73.3	52.
43.1	134.8	12961.3	175.0	-55.5	-60.0	229.2	43.0	32.6	29.2	351.8	319.9	99.9	99.9	75.9	52.
45.7	110.4	13413.7	150.0	-64.0	-60.0	227.7	48.0	35.4	32.4	359.8	319.9	99.9	99.9	83.1	51.
51.7	116.5	14230.4	125.0	-62.6	-60.0	220.1	47.0	35.7	31.0	379.8	319.9	99.9	99.9	97.3	51.
53.3	123.7	15293.4	100.0	-63.1	-60.0	99.9	99.9	99.9	99.9	405.9	319.9	99.9	99.9	97.3	99.9
9.3	94.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.3	94.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.3	94.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.3	94.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

C-2

STATION NO. 12
JUNCTION, TEXAS11 APRIL 1979
520 GMT

TIME MID	CNTCT	MEASUREMENT GPM	WIND KTS	TEMP DEG C	CEM BT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR STO CM/KG	RH PCT	RANGE KM	AZ DEG
300	1202	921.0	936.6	21.5	19.1	190.0	7.2	-3.4	6.2	300.4	330.1	14.2	81.3	20.2	20
305	98.3	90.3	1075.0	40.9	9.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
310	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
315	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
320	13.0	609.0	925.0	21.6	19.9	176.3	11.7	-0.7	11.9	301.4	310.5	15.1	94.7	20.2	10
325	18.3	947.1	902.0	19.7	18.6	169.9	11.1	-2.0	11.2	301.8	312.4	15.2	97.7	20.4	4
330	17.5	1306.1	875.0	17.5	17.2	165.6	10.2	-4.0	15.7	302.0	310.2	14.3	94.0	10.1	350
335	19.6	1336.5	852.0	16.6	16.0	174.7	23.7	-0.5	23.7	305.1	317.6	11.9	77.6	20.2	352
340	24.5	1595.5	825.0	21.6	-4.7	199.5	25.3	6.5	23.8	311.0	329.3	11.9	14.1	30.7	0
345	24.5	1602.2	800.0	20.2	-14.4	209.5	23.1	11.6	23.6	312.8	316.7	10.6	8.4	50.3	7
350	24.5	2124.2	775.0	19.1	-21.6	216.8	24.1	14.7	19.6	313.2	316.1	10.9	5.3	60.3	13
355	29.3	2612.9	740.0	15.6	-23.7	219.8	25.0	15.9	19.4	313.8	316.0	10.9	7.1	70.6	17
360	31.9	2699.4	725.0	13.9	-21.2	223.9	24.0	16.7	17.3	313.7	316.8	10.0	7.5	80.8	21
365	34.3	2901.3	703.0	10.6	-23.4	227.1	23.5	17.2	16.0	314.2	314.7	10.1	1.0	100.1	26
370	35.9	3292.1	675.0	7.9	-24.1	229.1	22.6	17.1	14.9	314.5	314.8	10.1	1.0	110.4	29
375	34.4	3601.7	652.0	4.6	-24.7	225.5	25.0	17.8	17.5	314.5	314.5	10.1	1.0	120.9	32
380	42.1	3918.5	629.0	1.5	-25.6	222.5	24.2	19.1	20.9	314.8	314.7	10.1	2.0	140.7	31
385	46.7	4255.3	603.0	-1.3	-26.3	220.4	29.1	18.9	22.2	314.6	315.2	10.2	2.0	150.7	33
390	47.4	4582.3	575.0	-4.1	-26.3	218.3	28.1	17.5	22.2	315.2	315.8	10.2	3.2	160.9	31
395	53.2	4930.4	550.0	-7.3	-26.1	216.0	27.1	17.1	21.9	315.2	315.0	10.2	4.2	170.3	30
400	53.1	5280.6	525.0	-10.4	-25.9	214.0	27.1	17.2	21.2	315.9	314.4	10.1	4.4	180.3	30
405	53.0	5604.2	500.0	-13.0	-25.7	216.9	27.1	16.7	22.2	317.1	317.5	10.1	3.6	190.4	30
410	59.2	5958.2	475.0	-16.6	-25.3	217.3	29.7	18.1	23.4	317.5	317.6	10.1	3.9	200.5	35
415	62.1	6455.4	450.0	-19.7	-25.0	223.2	31.4	21.5	22.8	319.3	319.4	10.1	3.7	210.5	35
420	65.1	6977.9	425.0	-23.3	-24.1	224.2	32.1	22.7	23.1	319.1	319.4	10.1	3.1	220.5	34
425	68.5	7317.9	400.0	-27.2	-24.2	225.2	35.1	24.9	24.7	319.2	319.9	10.1	3.7	230.7	37
430	71.9	7779.8	375.0	-32.9	-24.9	231.7	33.9	26.3	26.9	320.7	321.1	10.1	10.7	240.8	39
435	75.3	8245.1	350.0	-38.4	-25.7	233.1	35.1	28.2	28.2	322.4	322.6	10.1	9.4	250.9	39
440	78.0	8779.7	325.0	-43.7	-26.6	233.6	35.1	31.5	28.1	323.3	323.5	10.1	11.5	260.9	40
445	82.7	9325.2	300.0	-48.1	-27.9	236.2	36.1	34.8	28.1	324.0	324.9	10.1	11.5	270.9	41
450	86.7	9728.7	275.0	-52.5	-27.7	234.3	42.0	38.5	24.7	329.2	329.9	10.1	10.7	280.9	43
455	90.7	10339.2	250.0	-56.3	-27.9	227.4	38.0	42.0	25.7	329.7	329.9	10.1	10.7	290.9	44
460	95.2	11223.1	225.0	-60.3	-27.9	222.4	42.0	45.0	31.5	337.6	337.6	10.1	10.7	300.9	44
465	100.0	11975.0	200.0	-64.2	-27.9	223.4	39.1	48.0	29.4	340.6	340.6	10.1	10.7	310.9	44
470	105.0	12717.6	175.0	-68.4	-27.9	224.2	41.0	51.0	29.9	353.6	353.6	10.1	10.7	320.9	44
475	112.6	13724.1	150.0	-72.7	-27.9	223.6	43.1	54.0	31.2	358.6	358.6	10.1	10.7	330.9	44
480	116.9	14576.1	125.0	-76.8	-27.9	221.9	36.0	57.0	29.0	370.8	370.8	10.1	10.7	340.9	44
485	123.5	15215.9	100.0	-81.2	-27.9	221.9	36.0	60.0	29.0	397.7	397.7	10.1	10.7	350.9	44
490	126.0	15979.9	75.0	-85.6	-27.9	221.9	36.0	63.0	29.0	400.9	400.9	10.1	10.7	360.9	44
495	128.0	16749.9	50.0	-90.0	-27.9	221.9	36.0	66.0	29.0	400.9	400.9	10.1	10.7	370.9	44
500	130.0	17519.9	25.0	-94.0	-27.9	221.9	36.0	69.0	29.0	400.9	400.9	10.1	10.7	380.9	44
505	132.0	18289.9	0.0	-98.0	-27.9	221.9	36.0	72.0	29.0	400.9	400.9	10.1	10.7	390.9	44

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 12
JUNCTION, TEXAS11 APRIL 1979
1107 GMT

TIME MIN	CATCY	HEIGHT GPM	PRCS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MIN STO CM/KG	RM PCT	RANGE KM	AZ DEG
00.0	12.0	921.0	939.7	12.0	11.1	180.0	2.6	0.0	2.6	290.4	313.4	0.9	94.0	2.2	0.
00.0	09.0	900.0	1000.0	99.9	99.9	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	09.0	900.0	975.0	99.9	99.9	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	09.0	900.0	950.0	99.9	99.9	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
00.0	09.0	900.0	925.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	900.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	875.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	850.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	825.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	800.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	775.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	750.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	725.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	700.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	675.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	650.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	625.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	600.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	575.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	550.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	525.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	500.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	475.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	450.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	425.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	400.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	375.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	350.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	325.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	300.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	275.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	250.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	225.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	200.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	175.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	150.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	125.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	100.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	75.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	50.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.
00.0	09.0	900.0	25.0	13.7	1.0	295.4	8.1	8.3	-3.8	293.7	295.9	4.6	43.2	0.2	99.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEND MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA10 APRIL 1979
1111 GMT

132 99. 0

TIME 41V	CNCT	WEIGHT GPM	PRES 45	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT T DEG K	MR STO GM/KG	GM PCT	RANGE KM	AZ DEG
3:2	5.0	27.0	1009.2	11.3	9.5	70.0	2.6	-2.4	-0.9	293.9	371.6	9.9	97.9	9.9	0.
3:2	6.7	95.3	1030.0	10.7	9.0	65.1	7.0	-6.3	-0.9	283.9	302.1	7.2	93.0	0.2	273.
1:1	3.0	37.6	975.0	9.9	9.5	92.5	10.5	-10.4	-1.4	295.0	303.4	7.2	7.0	0.4	245.
1:3	11.4	523.1	952.0	12.1	9.2	114.2	11.3	-10.4	4.6	299.5	308.4	7.2	7.3	1.1	292.
2:5	13.7	747.5	925.0	12.7	9.9	142.9	10.2	-6.1	8.1	293.4	310.3	6.3	51.2	1.5	275.
3:5	15.2	979.3	900.0	12.9	10.3	159.8	9.9	-1.9	9.8	294.8	319.1	8.8	8.6	1.3	299.
4:3	15.6	1214.6	975.0	13.0	12.9	194.3	9.4	2.3	9.1	297.3	325.9	10.9	99.4	2.0	304.
5:2	16.1	1453.9	975.0	12.3	12.2	213.3	8.5	6.7	7.1	299.0	327.4	10.6	93.3	2.1	317.
7:0	16.4	1717.4	925.0	11.9	10.9	221.6	8.9	5.8	6.6	300.3	327.3	10.0	93.3	2.2	327.
9:3	23.2	1767.3	920.0	9.4	9.3	233.4	9.9	0.0	5.9	301.2	326.4	9.3	93.4	2.3	339.
7:3	24.4	2270.5	775.0	6.1	1.5	235.4	14.2	10.1	9.9	301.3	317.1	5.7	69.3	2.6	352.
9:3	31.4	2501.1	753.0	8.4	9.9	219.9	18.3	11.9	14.0	305.7	321.3	5.5	92.2	3.4	8.
4:3	36.1	2781.7	725.0	7.2	-2.9	216.9	20.0	12.0	15.0	307.4	321.7	5.0	56.3	4.4	15.
13:3	35.4	3763.4	700.0	5.6	-2.0	216.7	22.8	13.6	16.3	309.7	322.5	4.7	57.9	5.5	19.
11:3	33.4	3356.2	675.0	3.7	-6.3	221.2	24.4	16.1	18.4	309.8	321.9	4.1	55.9	7.0	23.
13:3	43.4	3711.4	650.0	0.9	-6.5	225.7	24.2	17.3	17.0	309.9	320.6	3.6	57.9	9.5	27.
14:1	43.4	1945.1	455.0	-1.4	-6.2	232.0	22.7	17.9	14.0	310.4	320.3	3.3	41.7	12.0	32.
15:3	43.2	4713.1	402.0	-4.3	-12.7	236.8	21.9	18.3	12.5	311.0	319.3	2.4	52.6	11.4	33.
15:4	51.4	4432.1	375.0	-7.2	-18.9	240.5	20.3	17.4	9.9	311.5	319.0	2.1	54.2	12.7	35.
17:5	56.3	4947.9	357.0	-17.0	-19.9	235.7	19.2	16.4	13.0	312.2	317.2	1.6	49.2	13.9	35.
18:3	53.5	5344.5	325.0	-12.1	-15.2	244.1	19.4	16.5	9.8	313.9	320.8	2.2	77.8	15.3	40.
21:1	53.7	5711.7	300.0	-14.0	-25.2	244.1	19.4	17.4	8.5	316.0	319.3	1.0	39.9	16.6	42.
21:4	68.0	6171.4	275.0	-17.1	-35.1	245.2	21.3	19.4	8.9	316.4	317.9	0.3	14.1	17.1	44.
22:4	47.4	5607.9	473.0	-19.1	-44.9	246.2	24.3	22.1	9.9	319.0	319.7	0.2	7.7	19.4	46.
23:1	71.3	6330.2	425.0	-22.1	-44.0	247.8	27.7	24.6	12.6	320.7	320.7	7.0	1.3	22.3	48.
23:5	73.5	7373.1	400.0	-25.4	-50.5	243.0	28.4	25.2	13.1	321.9	322.0	0.0	1.3	24.4	49.
27:2	73.3	7478.2	375.0	-29.9	-51.4	243.0	30.0	26.9	13.6	322.0	322.1	0.0	2.9	27.1	51.
28:3	52.4	8324.1	350.0	-34.5	-50.3	246.4	28.0	25.7	11.2	322.3	322.4	0.0	5.4	30.3	52.
32:7	58.7	9937.4	325.0	-70.7	-47.1	244.6	32.1	25.2	13.8	323.2	323.4	0.0	9.3	32.3	53.
32:5	32.5	3083.4	300.0	-41.4	90.9	248.1	38.0	25.2	14.2	327.0	999.9	99.9	999.9	36.7	55.
34:3	35.0	3043.4	275.0	-41.4	90.9	247.6	42.2	25.5	14.6	328.8	999.9	99.9	999.9	41.4	56.
35:7	36.3	10597.3	250.0	-47.2	90.3	249.7	46.0	43.2	15.0	331.5	999.9	99.9	999.9	47.2	58.
39:3	1.3	11278.7	225.0	-44.7	90.9	253.7	43.2	41.5	12.1	334.6	999.9	99.9	999.9	53.1	60.
41:5	11.0	12074.5	200.0	-55.5	90.9	256.6	48.7	45.9	13.0	343.3	999.9	99.9	999.9	59.3	61.
43:1	11.0	12074.2	175.0	-60.3	70.9	253.3	48.7	45.9	13.8	350.4	999.9	99.9	999.9	67.3	63.
7:1	12.3	11023.5	150.0	-60.9	90.3	240.9	43.3	46.3	16.9	367.1	999.9	99.9	999.9	75.8	64.
51:5	12.1	14055.0	125.0	-63.5	90.9	237.1	46.7	45.5	13.5	379.4	999.9	99.9	999.9	85.1	65.
54:3	13.7	16322.5	100.0	-65.4	90.9	999.9	99.9	99.9	99.9	401.4	999.9	99.9	999.9	999.9	999.
54:3	33.3	90.3	75.0	95.9	90.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
74:3	34.0	93.3	53.0	95.9	90.9	95.2	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
93:9	43.0	80.3	25.0	90.9	90.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME PAIR SEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA
10 APRIL 1970
1705 GMT

TIME MIN	CATC*	HEIGHT GPN	PHS MB	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MR RTO GM/KG	RM PCT	RANGE KM	AZ DEG
30.3	50.0	270.3	1230.1	15.0	9.0	90.7	5.1	-3.1	0.0	290.5	310.1	7.5	55.9	0.0	0.0
30.3	60.5	90.1	1202.0	17.0	9.0	107.0	3.5	-3.7	1.1	290.5	310.1	7.7	52.9	0.3	202
30.3	70.0	311.3	970.0	14.0	7.0	109.4	4.0	-4.4	1.5	290.5	310.1	7.9	73.1	0.4	251
10.5	110.3	530.7	950.0	13.0	11.0	133.3	8.2	-5.0	5.0	290.5	310.1	8.3	57.9	0.6	270
20.4	130.5	750.3	925.0	15.0	10.0	150.3	12.2	-5.3	11.1	294.7	320.2	11.3	94.3	1.1	313
30.5	150.7	900.9	907.0	15.7	12.0	155.5	11.5	-5.9	10.8	297.2	323.5	9.9	90.7	1.0	317
40.4	170.4	1227.9	975.0	16.3	10.5	157.9	10.5	-3.0	10.5	298.7	323.5	9.3	70.6	2.0	320
50.3	20.3	1470.3	950.0	15.8	10.5	200.2	8.1	2.9	7.9	302.7	325.7	10.3	10.4	2.0	320
60.4	23.4	1720.9	925.0	14.2	9.1	220.9	9.2	6.1	7.0	303.4	325.7	10.3	13.9	3.0	337
70.4	25.0	1090.9	807.0	12.2	9.1	216.1	13.5	8.2	11.2	304.2	327.9	9.5	70.3	3.0	345
80.4	26.5	2250.7	775.0	10.3	6.3	212.1	15.7	9.3	13.3	304.9	328.6	7.9	70.3	4.1	357
90.5	31.1	2820.1	750.0	8.9	4.3	209.8	18.4	9.9	16.0	305.4	328.6	7.0	70.3	5.1	40
100.5	33.4	2402.7	725.0	5.5	2.5	210.9	19.2	9.9	16.6	306.7	328.6	4.8	50.7	6.1	90
110.7	35.4	3300.2	700.0	5.5	-21.5	210.9	15.6	12.3	15.2	309.6	311.2	1.0	12.4	7.4	130
120.7	37.2	3730.5	675.0	4.1	-30.0	220.7	18.7	12.1	14.0	310.4	312.0	0.5	9.2	9.5	170
130.4	42.0	4620.0	650.0	3.9	-19.0	212.6	17.1	9.2	14.4	311.1	312.0	1.3	19.4	9.5	170
140.3	48.3	4320.9	625.0	-3.0	-15.5	208.9	17.6	8.5	15.4	311.6	317.1	1.8	31.9	10.8	210
150.3	50.3	4710.3	600.0	-7.0	-20.7	207.7	20.2	9.4	17.9	312.6	315.7	1.9	19.7	12.3	220
160.3	50.3	4450.9	575.0	-9.7	-15.8	215.6	16.6	9.9	13.4	313.7	319.0	1.9	41.2	13.7	220
170.3	51.9	5010.0	550.0	-7.0	-11.3	230.3	17.4	13.5	11.0	314.8	316.5	0.5	13.0	14.9	240
180.3	57.0	5170.0	525.0	-17.0	-26.3	203.3	20.2	18.1	9.1	316.1	317.2	9.3	9.7	15.2	270
190.7	58.4	5840.7	500.0	-17.0	-15.7	241.5	24.2	21.9	12.0	316.6	319.2	0.4	14.1	17.7	310
200.1	61.4	4135.0	475.0	-14.4	-15.3	241.2	27.1	23.8	13.0	317.7	319.1	0.4	17.8	19.5	340
210.7	65.3	5530.0	450.0	-20.1	-37.2	237.1	28.1	23.7	14.4	318.3	319.2	0.3	17.0	22.1	370
220.3	70.3	6010.5	425.0	-22.9	-55.7	233.4	28.1	22.7	16.0	320.4	320.7	0.1	4.5	24.7	390
230.1	74.0	7104.4	400.0	-24.4	-65.5	232.4	32.0	25.2	19.7	323.3	323.4	0.0	1.0	27.9	410
240.7	77.0	7970.7	375.0	-22.9	-65.4	231.0	30.6	23.9	19.4	323.3	323.5	0.2	1.0	31.2	420
250.3	81.5	9151.4	350.0	-22.9	-65.4	232.4	34.1	27.1	22.0	324.8	324.8	0.0	1.2	34.7	430
260.4	84.5	9470.4	325.0	-36.2	-73.3	231.7	37.7	31.7	20.3	326.7	324.9	0.0	1.2	38.3	460
270.7	87.7	9470.4	300.0	-40.2	97.9	231.7	39.6	35.0	18.0	328.7	328.7	0.0	90.9	43.6	480
280.1	90.2	10510.3	275.0	-44.7	97.9	237.3	48.1	41.3	25.4	330.5	328.7	0.0	90.9	49.1	470
290.3	93.9	11550.4	250.0	-49.5	97.9	253.3	45.4	39.4	22.5	332.5	328.7	0.0	90.9	55.4	490
300.6	100.6	11330.9	225.0	-53.2	97.9	251.0	48.5	42.9	22.9	337.0	328.7	0.0	90.9	63.1	500
310.4	100.6	12300.2	200.0	-55.1	97.9	244.9	55.4	50.2	23.5	343.9	328.7	0.0	90.9	71.5	520
320.3	110.4	12300.2	175.0	-54.3	97.9	250.3	53.7	50.6	19.1	353.7	328.7	0.0	90.9	83.0	540
330.5	120.8	13000.5	150.0	-60.6	97.9	249.6	34.6	32.4	12.1	369.1	328.7	0.0	90.9	91.4	550
340.7	127.7	13030.7	125.0	-63.9	97.9	253.3	30.6	28.6	10.3	379.3	328.7	0.0	90.9	95.6	550
350.4	90.4	90.4	100.0	95.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
360.3	90.3	90.3	75.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
370.3	90.9	90.9	50.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
380.3	90.9	90.9	25.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13 MONROE, LOUISIANA														117 101. 9		
10 APRIL 1979																
TIME MID	CNTCT	HEIGHT GFW	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MX RTO CM/KG	RM PCY	RANGE KM	AZ OG	
30.2	0.3	27.0	1004.8	23.4	15.7	130.0	5.7	-4.4	3.7	298.2	325.8	11.3	62.0	0.0	0.	
30.2	0.7	28.0	1005.0	22.7	14.6	126.6	7.3	-5.7	4.7	295.9	325.4	11.2	64.4	0.2	335.	
1.1	8.6	286.8	975.0	20.3	14.2	130.2	9.7	-6.9	5.8	295.6	325.2	11.2	72.3	0.6	312.	
2.3	13.9	912.7	950.0	19.2	15.3	135.9	10.2	-7.1	7.3	295.7	326.2	11.6	83.2	1.1	312.	
2.9	13.0	741.1	925.0	16.1	14.8	140.7	11.6	-7.3	9.0	295.8	326.2	11.6	92.2	1.5	314.	
3.9	15.7	974.3	905.0	14.6	13.6	149.5	13.9	-7.9	12.0	296.6	325.6	11.0	93.6	2.4	317.	
4.7	17.4	1213.1	875.0	14.0	13.1	159.8	16.1	-5.6	15.1	298.4	327.4	11.0	94.4	3.1	322.	
5.5	14.6	1459.0	850.0	12.7	11.8	169.2	18.3	-3.4	17.9	299.2	327.2	10.3	94.9	4.0	326.	
6.4	21.0	1708.5	825.0	11.2	7.5	192.2	15.3	0.6	15.9	307.5	324.8	8.1	69.7	4.8	336.	
7.2	24.1	1467.7	808.0	11.9	5.6	195.7	14.3	2.2	15.9	303.9	325.4	7.4	70.9	5.4	336.	
9.2	25.5	2233.2	775.0	10.2	3.5	194.8	16.2	3.0	15.9	304.8	322.7	6.4	63.3	6.2	341.	
9.2	23.4	2305.3	755.0	8.3	-2.6	195.5	16.2	4.8	17.4	295.6	314.7	4.3	44.5	7.1	345.	
11.3	31.2	2784.7	725.0	7.1	-11.3	203.9	19.1	6.9	19.7	297.2	314.0	2.2	25.7	8.1	353.	
11.3	33.0	3072.1	700.0	5.3	-27.8	205.5	20.0	8.9	18.4	298.4	311.0	0.8	12.2	9.2	354.	
12.4	36.1	3749.2	675.0	3.7	-14.3	209.7	21.0	10.6	18.6	300.8	315.3	1.5	24.0	10.4	359.	
13.5	33.4	3675.3	655.0	1.4	-24.8	210.9	20.2	10.4	17.3	310.6	313.2	0.9	17.3	11.6	2.	
14.6	41.1	3947.4	625.0	-1.2	-15.8	210.2	21.0	10.9	18.7	311.1	316.2	1.5	29.4	12.9	5.	
15.3	43.4	4211.4	600.0	-4.0	-12.3	211.0	21.3	11.1	19.3	311.5	319.1	2.5	52.4	14.2	9.	
15.9	40.4	4445.9	575.0	-6.4	-12.3	213.5	21.7	12.1	19.1	212.4	320.5	2.6	63.0	15.5	17.	
16.2	42.2	4602.1	550.0	-9.2	-14.8	219.9	17.7	11.4	13.4	313.4	320.2	2.2	42.8	16.7	12.	
16.4	52.7	5357.7	525.0	-11.8	-13.5	212.6	18.7	9.4	11.6	314.2	319.2	1.5	52.8	17.8	14.	
20.5	54.4	5722.4	490.0	-14.5	-27.5	223.7	18.9	11.5	11.0	315.3	320.1	1.5	40.4	18.9	15.	
21.3	57.4	5109.5	475.0	-17.4	-24.6	235.5	20.0	16.4	11.2	316.4	320.0	1.1	51.5	20.0	19.	
23.3	53.9	5312.1	450.0	-20.2	-27.2	238.2	23.2	19.7	12.2	317.4	320.5	0.9	55.0	21.4	21.	
24.7	54.9	5932.3	425.0	-23.8	-23.2	229.7	28.3	21.8	15.3	318.6	321.2	0.9	57.4	23.2	24.	
25.2	67.1	7375.5	400.0	-25.6	-23.5	217.2	34.1	19.1	25.1	323.0	324.1	0.9	70.1	25.3	26.	
27.8	72.4	7842.4	375.0	-28.2	-23.9	212.2	36.1	19.3	31.5	328.3	326.5	0.6	43.4	26.9	27.	
23.2	73.9	3733.4	350.0	-32.3	-17.2	214.5	36.1	20.4	29.9	325.3	324.5	0.4	60.8	32.2	27.	
32.7	77.4	3552.2	325.0	-35.3	-42.2	218.6	36.0	23.2	28.1	325.4	327.4	0.3	54.4	33.3	24.	
32.5	81.2	9471.3	300.0	-41.4	99.9	223.8	36.0	25.3	27.4	327.0	329.9	99.9	973.9	35.2	30.	
34.5	55.1	9985.1	275.0	-44.9	99.9	226.1	53.0	38.6	37.3	327.4	329.9	99.9	973.9	47.5	31.	
35.2	59.2	12510.2	250.0	-51.8	59.9	233.0	48.1	41.7	29.1	329.1	329.9	99.9	999.9	47.3	33.	
33.0	31.6	11299.1	225.0	-55.3	99.9	240.0	48.1	51.1	29.1	331.6	329.9	99.9	999.9	51.7	35.	
43.7	34.2	12039.5	200.0	-54.3	99.9	241.2	58.1	51.1	29.1	333.6	329.9	99.9	999.9	59.9	39.	
43.5	134.4	12851.6	175.0	-56.3	99.9	245.3	58.0	53.5	28.3	335.4	329.9	99.9	973.9	58.3	42.	
45.4	130.7	13453.7	150.0	-58.6	99.9	248.3	55.0	50.9	28.3	335.4	329.9	99.9	973.9	58.3	42.	
47.3	115.3	14075.4	125.0	-65.6	99.9	242.8	55.0	46.9	28.1	375.2	329.9	99.9	973.9	58.3	42.	
93.4	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
93.4	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
93.4	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
93.4	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

0 3Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 5 3Y TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 00 0Y SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA

10 APRIL 1979
2305 GMT

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	RM PCT	RANGE KM	AZ DEG
303	509	2700	1002.5	23.2	16.5	130.0	6.2	-6.7	4.0	296.1	327.4	11.9	66.0	3.9	90
304	701	45.9	1000.0	22.6	14.9	129.5	11.0	-6.5	7.0	295.7	327.6	12.2	70.0	0.5	310
305	903	292.4	975.0	21.2	15.1	132.6	12.0	-6.9	9.2	296.5	327.8	11.9	72.5	0.7	310
105	1107	436.2	950.0	19.3	15.1	140.2	15.3	-6.6	11.6	296.8	329.0	12.2	81.5	1.4	310
205	1401	725.7	925.0	17.5	15.0	152.4	17.8	-6.2	15.7	297.3	330.2	12.5	90.9	2.4	321
307	1505	959.1	900.0	16.1	15.1	165.7	19.8	-6.9	19.2	298.1	330.2	12.5	90.9	3.4	327
405	1505	1135.5	875.0	14.0	15.1	175.3	21.9	-1.0	21.9	300.4	333.6	12.4	94.0	6.4	233
507	2104	1485.4	850.0	15.4	14.2	176.4	22.5	-1.4	22.4	302.3	334.9	12.1	92.2	5.9	338
505	2104	1637.3	825.0	14.1	12.6	177.9	22.7	-0.8	22.7	303.5	334.1	11.3	91.1	7.1	342
704	2504	1943.5	800.0	12.1	10.4	181.3	21.7	0.6	21.6	305.2	332.6	10.0	93.3	5.2	346
804	2504	2226.2	775.0	12.1	3.3	181.7	19.2	0.4	19.1	306.8	321.4	9.1	44.3	9.4	347
904	3105	2573.2	750.0	9.8	3.6	178.1	17.7	-0.4	17.7	307.2	326.1	9.7	65.7	10.6	349
1004	3402	2741.1	725.0	7.7	1.5	175.7	18.3	-1.4	18.3	307.9	325.3	9.1	65.6	11.9	349
1104	3500	3047.9	700.0	6.7	-13.4	173.7	16.4	-1.4	16.3	309.9	317.5	2.5	29.4	12.9	349
1303	3500	3367.1	675.0	4.1	-5.6	175.3	16.9	-1.4	16.9	310.2	320.6	3.5	45.7	14.1	352
1402	4203	3572.9	650.0	1.4	-7.0	183.1	17.4	0.9	17.3	310.6	321.0	3.5	53.4	15.3	352
1504	4502	3749.6	625.0	-0.7	-3.7	195.4	19.9	5.4	19.1	311.7	321.2	3.2	54.5	16.5	352
1509	4501	4112.4	575.0	-2.7	-11.0	203.4	25.0	6.7	23.5	312.3	321.7	2.7	55.0	19.2	355
1601	5100	4447.9	575.0	-5.7	-11.7	193.6	27.8	9.3	26.2	313.4	321.7	2.7	42.1	23.7	357
1703	5400	4647.9	550.0	-8.5	-11.5	204.4	29.9	12.4	27.2	314.6	321.6	2.5	57.0	22.7	359
2003	5701	5344.7	525.0	-12.7	-15.7	222.3	28.7	19.3	21.3	315.8	322.3	2.1	65.9	23.6	20
2103	6103	5729.2	500.0	-12.4	-14.2	231.7	24.9	24.1	17.7	318.0	326.0	2.5	94.0	25.4	70
2303	6104	6115.4	475.0	-15.2	-17.6	231.3	35.3	23.7	14.0	319.2	325.6	2.0	91.3	27.4	110
2409	6004	6525.9	450.0	-14.3	-17.7	231.2	29.4	22.9	19.4	320.7	326.0	1.9	93.6	29.5	140
2509	7307	7304.4	425.0	-21.6	-24.9	233.3	28.6	22.9	17.1	321.3	325.2	1.2	74.2	31.4	170
2609	7307	7841.7	400.0	-24.3	-34.9	228.6	27.9	20.9	19.5	323.4	325.2	0.5	39.9	33.5	190
2905	7707	7841.7	375.0	-28.4	-37.0	226.3	30.2	21.9	20.9	324.0	325.5	0.4	43.2	36.1	210
3102	8101	8351.9	350.0	-32.4	-41.1	227.6	36.0	22.1	27.2	325.9	326.1	0.3	41.9	38.9	230
3209	8500	8609.7	325.0	-36.7	-43.1	231.2	30.8	24.0	19.3	326.1	327.1	0.3	57.8	41.9	250
3309	9004	8819.2	300.0	-40.6	-49.9	239.1	37.8	32.4	19.4	327.9	327.9	0.9	99.9	45.2	280
3409	9304	9043.4	275.0	-44.4	-53.9	238.6	40.9	34.9	21.3	330.9	327.9	0.9	99.9	47.3	310
3509	9304	9443.4	250.0	-47.2	-53.9	239.6	41.8	36.7	20.2	334.2	327.9	0.9	99.9	55.3	340
4202	10300	11325.7	225.0	-51.0	-53.9	239.6	47.58	41.0	24.1	337.1	327.9	0.9	99.9	61.4	370
4503	10302	12043.3	200.0	-55.6	-59.9	240.1	57.58	49.8	29.7	340.9	327.9	0.9	99.9	70.2	470
4803	11403	12921.1	175.0	-60.7	-62.0	245.6	58.08	52.9	24.0	341.1	327.9	0.9	99.9	79.9	430
5109	12004	13443.7	150.0	-61.7	-67.9	259.3	42.58	41.7	4.6	343.2	327.9	0.9	99.9	92.5	460
5503	12703	15207.3	125.0	-64.2	-73.9	269.9	99.99	99.9	99.9	378.2	327.9	0.9	99.9	97.3	490
5803	13003	15909.9	100.0	-69.9	-79.9	269.9	99.9	99.9	99.9	40.9	327.9	0.9	99.9	99.9	990
6103	13003	16609.9	75.0	-70.9	-79.9	269.9	99.9	99.9	99.9	99.9	327.9	0.9	99.9	99.9	990
6403	13003	17309.9	50.0	-71.9	-79.9	269.9	99.9	99.9	99.9	99.9	327.9	0.9	99.9	99.9	990
6703	13003	18009.9	25.0	-72.9	-79.9	269.9	99.9	99.9	99.9	99.9	327.9	0.9	99.9	99.9	990
7003	13003	18709.9	0.0	-73.9	-79.9	269.9	99.9	99.9	99.9	99.9	327.9	0.9	99.9	99.9	990

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SIZED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA
11 APRIL 1979
208 GMT

TIME MIN	CUTCT	HEIGHT GPM	WIND MS	TEMP DC C	DWPT DC C	DIR DC	SOLE M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT T CG K	WIND G/SEC	WIND PCT	RANGE KM	AZ DG
303	6.5	2763	1001.5	21.2	14.4	150.0	5.1	-2.6	4.4	294.2	320.0	13.4	94.0	0.9	0
304	6.5	4061	1072.0	21.2	14.5	148.9	7.4	-3.4	6.4	294.3	320.5	13.5	94.1	0.1	351
305	6.5	2590.0	976.0	20.1	14.3	147.9	17.7	-9.4	15.0	295.4	331.1	13.7	94.4	0.9	323
107	10.9	494.4	950.0	19.3	14.2	154.3	20.9	-9.0	18.0	296.0	331.4	14.2	94.0	1.0	327
205	13.1	714.3	925.0	17.0	16.7	144.3	22.1	-6.0	21.2	297.2	331.9	13.1	93.5	2.7	331
303	15.4	949.3	931.0	16.4	14.3	174.3	25.0	-4.2	24.5	298.4	330.9	12.1	93.5	3.8	337
601	17.5	1132.0	875.0	15.4	14.3	175.4	28.1	-1.9	24.0	299.7	331.4	11.9	93.7	5.0	340
501	19.0	1346.0	852.0	14.7	12.7	180.8	22.8	0.3	22.5	300.5	329.9	17.9	93.5	4.2	344
503	22.2	1646.7	825.0	12.2	11.7	194.1	23.6	1.7	23.5	301.5	329.1	17.2	93.5	7.3	347
509	24.5	1846.9	795.0	10.7	9.7	195.3	24.6	2.3	24.5	302.6	328.7	9.5	93.4	9.6	350
707	26.4	2209.4	775.0	9.6	9.5	192.5	26.5	1.1	25.5	304.1	329.1	9.1	93.3	9.9	352
903	28.3	2491.1	752.0	8.7	2.0	192.4	28.6	1.2	28.4	305.7	329.0	5.9	92.7	11.3	353
303	31.0	2761.0	729.0	4.9	-7.5	194.9	27.1	3.2	26.9	307.1	328.5	5.1	92.2	12.9	358
1305	34.2	3040.0	702.0	6.0	-12.0	197.3	25.9	7.7	24.4	309.2	316.4	2.4	92.0	14.5	358
1105	36.9	3346.0	674.0	3.5	-2.6	210.2	26.7	13.9	22.9	309.6	326.3	6.9	91.6	15.9	359
1207	39.2	3581.0	647.0	1.0	-7.3	210.9	28.5	17.0	20.4	310.1	326.9	5.9	91.3	17.3	3
1309	41.4	3855.0	620.0	-0.1	-7.0	222.2	25.2	17.2	14.3	312.2	314.7	0.9	91.1	19.9	6
1503	44.4	4201.3	425.0	-1.4	-0.8	227.0	24.9	15.4	14.4	314.5	314.7	0.1	90.9	27.1	9
1501	47.1	4423.7	575.0	-4.2	-2.5	231.0	25.6	19.0	14.1	315.1	315.3	0.0	90.9	21.5	12
1704	49.0	4675.4	552.0	-5.0	-3.7	231.9	25.5	20.0	15.9	314.9	317.1	0.0	90.9	22.9	13
1406	52.4	4943.4	523.0	-8.0	-6.5	236.5	26.9	21.6	16.0	317.2	317.9	0.0	90.9	24.5	14
1909	55.4	5168.2	472.0	-11.0	-5.7	236.9	26.5	22.2	14.4	319.4	317.7	0.0	90.9	25.2	21
2102	58.4	5407.6	475.0	-14.9	-5.7	243.1	25.6	22.2	12.4	319.4	317.7	0.0	90.9	27.9	23
2203	61.4	5613.5	450.0	-17.9	-4.3	239.3	24.4	21.3	12.5	320.8	320.9	0.0	90.9	27.5	24
2403	64.4	5919.2	425.0	-21.4	-4.1	239.3	24.4	21.0	9.2	321.6	321.6	0.0	90.9	31.3	26
2507	67.2	7181.2	472.0	-25.3	-4.1	247.2	23.8	21.9	9.2	322.2	322.2	0.0	90.9	31.1	30
2707	71.4	7487.0	475.0	-27.4	-5.2	252.9	26.6	25.1	9.7	323.9	323.9	0.0	90.9	35.5	32
2909	74.0	8337.0	352.0	-31.4	-7.3	243.9	31.8	26.4	13.5	325.9	325.9	0.0	90.9	39.9	34
3108	79.4	8575.5	125.0	-35.9	-7.3	243.2	32.7	29.2	14.7	327.3	327.3	0.0	90.9	42.1	36
3305	82.1	9479.4	110.0	-35.4	9.9	245.1	33.5	30.4	14.1	329.2	329.2	97.9	90.9	45.1	41
3505	90.7	9902.3	275.0	-44.5	9.9	245.9	32.5	29.5	14.7	330.8	330.8	99.9	90.9	47.0	47
3707	92.2	10429.6	75.0	-47.7	9.9	239.1	34.4	29.5	17.4	332.2	332.2	99.9	90.9	53.2	48
3909	94.4	11110.4	225.0	-54.5	9.9	242.2	36.3	31.8	16.4	334.4	334.4	99.9	90.9	57.3	50
4204	97.2	12053.3	202.0	-60.1	9.9	99.9	99.9	99.9	99.9	337.2	337.2	99.9	90.9	69.9	59
4309	97.9	99.9	174.0	65.6	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	67
4509	97.9	99.9	152.0	65.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	73
4709	97.9	99.9	125.0	65.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	77
4909	97.9	99.9	99.9	65.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	83
5109	97.9	99.9	75.0	65.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	89
5309	97.9	99.9	99.9	65.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	95

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 17 DEG
BY SPEED MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA
11 APRIL 1979
525 GMT

TIME UT	CNTCT	WEIGHT GMM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	POT X DEG K	MR MTO CM/KG	RM MCT	RANGE KM	AZ DEG
300	300	2700	1001.5	22.0	19.2	190.0	5.1	-2.0	4.4	295.0	331.7	14.1	04.0	0.0	0
301	301	43.1	1000.0	22.1	19.6	157.6	6.1	-3.4	7.1	295.3	333.0	14.4	05.0	0.1	350
302	302	200.3	975.0	22.1	19.6	157.6	16.3	-6.3	15.2	295.4	333.4	14.4	05.1	0.0	330
303	303	400.4	950.0	19.9	19.5	162.2	22.3	-6.0	21.3	297.2	336.6	14.3	02.4	1.7	330
304	304	715.5	925.0	19.4	17.2	167.1	30.6	-6.0	29.0	299.2	339.8	13.5	02.4	3.0	340
305	305	942.0	892.0	19.1	15.9	171.2	31.6	-4.9	31.2	300.2	339.9	12.9	07.3	4.0	340
306	306	1130.0	875.0	17.9	13.9	174.4	30.7	-2.0	30.6	301.5	332.3	11.3	01.3	6.2	340
307	307	1441.2	850.0	15.3	12.1	176.7	27.9	-1.6	27.8	302.4	330.9	10.5	00.4	7.9	340
308	308	1636.5	825.0	13.1	2.0	177.8	29.1	-1.0	27.4	304.0	329.0	9.7	03.0	9.7	350
309	309	1855.7	800.0	14.4	3.2	177.8	29.1	-1.1	29.1	306.5	329.7	4.1	47.0	11.0	331
310	310	2225.5	775.0	11.4	6.0	192.5	26.9	0.2	26.9	306.3	327.7	7.6	45.3	13.5	342
311	311	2435.0	750.0	10.1	6.0	192.5	26.9	2.3	24.4	307.6	329.7	7.0	75.2	15.3	353
312	312	2778.2	725.0	8.0	5.6	193.3	25.0	5.7	24.3	309.3	330.6	7.0	94.5	17.3	355
313	313	3050.4	700.0	6.0	2.7	202.0	23.4	6.8	21.7	309.1	329.2	6.7	79.0	19.7	357
314	314	3345.2	675.0	4.3	-5.5	212.1	20.7	12.2	19.7	311.0	322.2	3.5	42.0	20.1	359
315	315	3572.0	650.0	4.0	-29.0	224.2	19.1	13.3	13.7	313.9	315.3	0.9	5.0	21.2	3
316	316	3730.4	625.0	3.0	-49.1	227.5	20.0	14.8	14.5	315.9	315.1	0.1	1.0	22.3	5
317	317	4130.5	600.0	0.4	-49.7	224.9	20.5	14.9	14.1	316.6	316.8	0.1	1.0	23.6	6
318	318	4453.9	575.0	-2.2	-51.3	227.9	17.8	12.4	12.6	317.4	317.6	0.1	1.0	24.9	12
319	319	4773.4	550.0	-5.0	-51.3	227.9	16.4	12.2	11.0	318.1	318.3	0.0	1.0	26.1	12
320	320	5073.1	525.0	-8.1	-55.1	230.1	16.5	14.2	11.0	318.7	318.9	0.3	1.0	27.7	14
321	321	5373.4	500.0	-11.5	-57.2	229.9	20.7	15.0	13.6	319.0	319.1	0.3	1.0	29.7	14
322	322	5673.4	475.0	-14.5	-59.2	229.9	19.4	14.9	12.5	319.0	320.0	0.0	1.0	30.3	16
323	323	5973.4	450.0	-17.0	-59.4	224.2	18.7	13.1	13.4	320.8	320.9	0.3	1.0	32.1	20
324	324	6273.4	425.0	-22.7	-54.9	227.1	19.3	14.2	13.2	320.9	321.0	0.0	3.2	33.4	21
325	325	6573.4	400.0	-25.7	-51.5	230.7	20.6	16.6	12.2	321.0	321.0	0.1	4.0	35.7	23
326	326	6873.4	375.0	-28.7	-49.3	230.6	22.5	19.4	11.4	322.0	323.7	0.1	13.9	39.0	25
327	327	7173.4	350.0	-32.0	-47.4	234.3	29.1	24.9	15.3	324.5	325.2	0.1	11.9	40.9	28
328	328	7473.4	325.0	-37.2	-54.1	242.4	36.7	30.7	15.0	325.2	325.6	0.1	11.9	44.7	31
329	329	7773.4	300.0	-42.4	99.9	245.8	36.8	35.4	19.4	329.1	329.9	0.0	99.9	49.2	30
330	330	8073.4	275.0	-48.4	99.9	236.1	35.2	29.2	19.4	330.9	330.9	0.0	99.9	53.2	37
331	331	8373.4	250.0	-54.9	99.9	236.8	41.4	31.1	27.3	331.9	331.9	0.0	99.9	58.5	38
332	332	8673.4	225.0	-58.0	99.9	235.9	43.7	37.9	25.7	334.2	334.2	0.0	99.9	65.0	39
333	333	8973.4	200.0	-57.2	99.9	230.8	45.9	40.1	22.4	342.3	342.3	0.0	99.9	75.3	42
334	334	9273.4	175.0	-54.4	99.9	252.1	35.3	33.6	10.9	352.0	352.0	0.0	99.9	94.3	46
335	335	9573.4	150.0	-51.4	99.9	259.5	27.5	27.0	5.0	364.4	364.4	0.0	99.9	99.4	47
336	336	9873.4	125.0	-65.4	99.9	99.9	99.9	99.9	99.9	374.6	374.6	0.0	99.9	97.4	49
337	337	1000.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0	99.9	99.9	99.9
338	338	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0	99.9	99.9	99.9
339	339	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0	99.9	99.9	99.9
340	340	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 19 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA11 APRIL 1979
005 CMT

TIME MID	CUTCT	HEIGHT GPM	PRES MM	TEMP DEG C	DW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
00.0	00.0	270.0	1011.0	22.7	27.2	140.0	6.0	-3.0	4.6	295.7	335.0	15.1	95.0	0.0	0.
00.1	00.1	40.2	1070.0	22.7	27.3	143.5	7.4	-4.4	5.0	295.9	335.2	15.2	95.2	0.1	35.
00.2	00.2	241.2	975.0	21.3	26.3	161.3	15.6	-5.3	14.0	294.0	335.6	14.9	90.8	0.7	31.
00.3	00.3	480.5	950.0	15.5	19.3	164.9	18.5	-4.5	17.9	297.0	336.0	14.1	92.9	1.5	30.
00.4	00.4	718.5	925.0	15.5	19.3	168.6	21.6	-3.9	21.3	297.8	336.7	13.3	93.2	2.5	34.
00.5	00.5	951.5	900.0	16.4	15.7	171.6	25.0	-3.7	24.7	299.8	337.3	12.6	92.5	3.7	36.
00.6	00.6	1101.4	875.0	14.9	15.7	174.4	28.8	-3.1	26.6	299.2	338.6	11.4	92.9	5.1	38.
00.7	00.7	1238.9	850.0	13.2	17.1	176.2	27.6	-1.8	27.5	300.0	338.3	12.5	92.5	5.9	34.
00.8	00.8	1459.4	825.0	11.9	10.8	175.0	27.0	-1.4	27.0	301.2	338.1	9.9	93.0	9.2	31.
00.9	00.9	1649.1	795.0	9.4	3.4	175.9	27.3	-0.1	27.3	300.3	313.7	4.9	53.9	9.7	35.
01.0	01.0	1849.1	770.0	8.6	2.5	176.4	25.1	1.9	25.0	305.9	313.7	4.9	53.9	9.7	35.
01.1	01.1	2010.2	745.0	11.2	3.5	176.4	21.3	4.6	27.6	307.0	322.5	5.0	55.2	10.3	35.
01.2	01.2	2183.5	720.0	9.6	2.4	192.0	21.3	4.6	27.6	307.0	322.5	5.0	55.2	10.3	35.
01.3	01.3	2354.0	700.0	7.5	3.4	203.2	20.8	4.2	19.1	307.0	322.5	5.0	55.2	10.3	35.
01.4	01.4	2524.0	675.0	5.8	-14.1	214.4	20.3	11.5	15.9	309.0	313.4	2.5	30.3	14.4	35.
01.5	01.5	2694.0	650.0	4.7	-45.0	222.3	18.6	12.6	13.3	313.2	313.4	0.1	1.0	15.4	3.
01.6	01.6	2864.0	625.0	5.2	-45.0	228.5	18.6	12.6	13.3	313.2	313.4	0.1	1.0	15.4	3.
01.7	01.7	3034.0	600.0	2.9	-44.2	215.6	19.4	12.1	14.9	314.9	314.1	0.1	1.0	15.4	3.
01.8	01.8	3204.0	575.0	0.3	-43.7	210.9	17.4	11.2	13.3	314.9	314.1	0.1	1.0	15.4	3.
01.9	01.9	3374.0	550.0	-2.8	-41.7	222.3	16.0	12.1	17.3	314.9	314.1	0.1	1.0	15.4	3.
02.0	02.0	3544.0	525.0	-5.6	-33.7	210.6	18.5	11.9	14.3	317.1	317.3	0.0	1.0	15.4	3.
02.1	02.1	3714.0	500.0	-8.0	-45.0	210.6	18.1	11.5	14.3	317.1	317.3	0.0	1.0	15.4	3.
02.2	02.2	3884.0	475.0	-12.2	-57.6	210.6	21.3	13.4	14.6	319.2	319.3	2.2	1.0	23.9	17.
02.3	02.3	4054.0	450.0	-14.8	-53.3	220.4	20.5	13.4	15.6	319.2	319.3	2.2	1.0	23.9	17.
02.4	02.4	4224.0	425.0	-15.7	-61.8	222.3	20.4	13.4	15.6	319.2	319.3	2.2	1.0	23.9	17.
02.5	02.5	4394.0	400.0	-17.9	-61.8	222.3	20.4	13.4	15.6	319.2	319.3	2.2	1.0	23.9	17.
02.6	02.6	4564.0	375.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
02.7	02.7	4734.0	350.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
02.8	02.8	4904.0	325.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
02.9	02.9	5074.0	300.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
03.0	03.0	5244.0	275.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
03.1	03.1	5414.0	250.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
03.2	03.2	5584.0	225.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
03.3	03.3	5754.0	200.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
03.4	03.4	5924.0	175.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
03.5	03.5	6094.0	150.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
03.6	03.6	6264.0	125.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
03.7	03.7	6434.0	100.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
03.8	03.8	6604.0	75.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
03.9	03.9	6774.0	50.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
04.0	04.0	6944.0	25.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.
04.1	04.1	7114.0	0.0	-17.2	-64.5	224.1	22.8	15.2	16.4	319.7	319.7	0.0	1.0	23.9	17.

BY SODS TRANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEND MEANS TEMPERATURE OR TEND HAVE BEEN INTERPOLATED
BY SODS TRANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 13
MONROE, LOUISIANA

11 APRIL 1979
1105 GMT

TIME MIN	CUTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX STD CM/SEC	WH PCT	RANGE KM	AZ DEG
3.3	0.3	27.0	1025.3	22.2	19.6	150.0	5.1	-2.6	4.4	296.3	334.1	14.5	95.2	119	100.0
3.7	0.3	29.5	1000.0	22.2	19.6	150.2	5.5	-2.7	4.7	296.3	334.1	14.5	95.2	119	100.0
3.7	0.3	29.5	975.0	21.7	19.8	157.6	10.7	-6.4	15.4	297.6	336.3	15.1	94.9	119	100.0
1.5	1.0	476.9	955.3	20.1	19.0	163.3	21.1	-6.1	20.2	297.6	336.3	14.7	94.9	119	100.0
2.4	1.0	756.9	925.3	19.7	17.2	166.7	24.9	-4.9	24.4	298.0	336.5	13.5	93.4	119	100.0
3.3	1.5	941.9	875.0	18.6	15.6	171.9	28.3	-3.9	27.7	299.7	336.9	12.5	93.4	119	100.0
4.2	1.7	1142.0	875.0	14.8	13.4	174.9	27.1	-2.5	27.7	299.7	336.9	11.2	93.4	119	100.0
5.2	1.9	1427.9	855.3	13.7	12.1	175.6	30.2	-2.3	30.1	300.5	329.2	10.7	91.1	119	100.0
6.2	2.1	1674.9	825.0	12.3	10.5	175.6	28.1	-0.9	28.8	301.6	329.2	9.9	90.2	119	100.0
7.1	2.4	1874.5	805.3	11.9	9.2	181.2	26.2	0.4	26.2	302.9	326.9	9.6	93.5	119	100.0
8.1	2.6	2033.9	775.0	10.4	7.6	186.2	25.3	2.3	24.9	302.9	326.9	9.6	93.5	119	100.0
9.1	2.8	2203.9	750.0	10.4	-10.7	196.7	25.3	7.2	21.3	305.4	315.3	2.3	92.2	119	100.0
10.1	3.0	2374.9	725.0	13.0	-42.0	212.1	19.1	10.3	18.4	313.7	314.2	0.1	92.2	119	100.0
11.1	3.2	2544.9	700.0	11.5	-42.0	221.6	16.9	11.2	18.6	315.3	315.7	0.1	92.2	119	100.0
12.1	3.4	2714.9	675.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
13.1	3.6	2884.9	650.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
14.1	3.8	3054.9	625.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
15.1	4.0	3224.9	600.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
16.1	4.2	3394.9	575.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
17.1	4.4	3564.9	550.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
18.1	4.6	3734.9	525.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
19.1	4.8	3904.9	500.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
20.1	5.0	4074.9	475.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
21.1	5.2	4244.9	450.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
22.1	5.4	4414.9	425.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
23.1	5.6	4584.9	400.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
24.1	5.8	4754.9	375.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
25.1	6.0	4924.9	350.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
26.1	6.2	5094.9	325.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
27.1	6.4	5264.9	300.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
28.1	6.6	5434.9	275.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
29.1	6.8	5604.9	250.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
30.1	7.0	5774.9	225.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
31.1	7.2	5944.9	200.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
32.1	7.4	6114.9	175.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
33.1	7.6	6284.9	150.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
34.1	7.8	6454.9	125.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
35.1	8.0	6624.9	100.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
36.1	8.2	6794.9	75.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
37.1	8.4	6964.9	50.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
38.1	8.6	7134.9	25.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
39.1	8.8	7304.9	0.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
40.1	9.0	7474.9	-25.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
41.1	9.2	7644.9	-50.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
42.1	9.4	7814.9	-75.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
43.1	9.6	7984.9	-100.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
44.1	9.8	8154.9	-125.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
45.1	10.0	8324.9	-150.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
46.1	10.2	8494.9	-175.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
47.1	10.4	8664.9	-200.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
48.1	10.6	8834.9	-225.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
49.1	10.8	9004.9	-250.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
50.1	11.0	9174.9	-275.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
51.1	11.2	9344.9	-300.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
52.1	11.4	9514.9	-325.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
53.1	11.6	9684.9	-350.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
54.1	11.8	9854.9	-375.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
55.1	12.0	10024.9	-400.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
56.1	12.2	10194.9	-425.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
57.1	12.4	10364.9	-450.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
58.1	12.6	10534.9	-475.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
59.1	12.8	10704.9	-500.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0
60.1	13.0	10874.9	-525.0	9.9	-44.5	224.9	15.1	10.9	18.7	315.3	315.9	0.1	92.2	119	100.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY T.M.S MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

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* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY TEMP MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 14
MARFA, TEXAS11 APRIL 1979
SCS GMT

TIME MIN	CNTCT	MFIGHT GPM	PRES MS	TEMP DG C	DW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMPT M/SEC	POT T DG K	E POT T DG K	MX RTO CM/KG	PH PCT	RANGE KM	AZ DG
30.3	22.1	1473.0	617.9	10.9	-3.6	290.0	6.2	5.8	-2.1	298.8	308.8	3.5	36.0	0.3	0
30.9	30.0	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.0	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.1	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.2	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.3	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.4	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.5	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.6	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.7	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.8	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.9	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.0	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.1	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.2	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.3	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.4	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.5	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.6	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.7	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.8	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.9	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.0	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.1	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.2	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.3	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.4	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.5	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.6	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.7	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.8	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.0	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.1	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.2	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.3	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.4	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.5	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.6	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.7	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.8	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.9	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.0	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.1	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.2	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.3	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.4	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.5	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.6	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.7	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.8	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.9	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.0	30.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15
MORTON, TEXAS10 APRIL 1979
1116 GM

IN WIND	CHCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT V DEG K	MX WIND GMS/KG	RM PCT	RANGE KM	AZ DEG
3.3	10.1	1142.0	989.4	4.6	4.2	180.0	3.1	0.0	3.1	289.1	304.8	0.3	97.0	0.3	0.
90.3	90.9	90.9	1070.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90.3	90.9	90.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEND MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 0 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 2000 QUALITY

STATION NO. 15															
MORTON, TEXAS															
10 APRIL 1979															
1705 GMT															
TIME	CUTCT	HEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	MX RTO	RM	RANGE	AZ
M/T		GM	MB	DE C	DE C	DE C	M/SEC	M/SEC	M/SEC	OC K	OC K	CM/KG	PCY	KM	DE
000	1002	1142.0	890.7	20.1	-76.3	200.0	7.2	2.5	6.0	305.2	313.1	2.5	15.0	0.7	000
005	090	1075.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
010	080	090	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
015	070	080	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
020	060	070	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
025	050	060	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
030	040	050	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
035	030	040	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
040	020	030	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
045	010	020	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
050	000	010	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
055	350	1200.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
060	340	1190.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
065	330	1180.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
070	320	1170.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
075	310	1160.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
080	300	1150.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
085	290	1140.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
090	280	1130.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
095	270	1120.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
100	260	1110.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
105	250	1100.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
110	240	1090.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
115	230	1080.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
120	220	1070.0	900.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	000
125	210	1060.0	90												

[illegible]

STATION NO. 15
MORTON, TEXAS10 APRIL 1979
2005 GMT

LINE NO.	CNTCY	WEIGHT GPM	WRS %	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY Y DEG K	E POT Y DEG K	NR NTO CM/SEC	RM PCY	RANGE KM	AZ DEG
3.0	23.0	1120.2	853.4	21.3	-1.2	202.0	9.3	3.2	8.7	377.1	314.3	2.4	13.0	0.0	0.
3.1	23.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	992.9	979.
3.2	33.0	99.9	975.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.3	33.0	99.9	950.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.4	33.0	99.9	925.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.5	33.0	99.9	900.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.6	33.0	99.9	875.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.7	33.0	99.9	850.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.8	33.0	99.9	825.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.9	33.0	99.9	800.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
4.0	33.0	99.9	775.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
4.1	33.0	99.9	750.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
4.2	33.0	99.9	725.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
4.3	33.0	99.9	700.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
4.4	33.0	99.9	675.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
4.5	33.0	99.9	650.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
4.6	33.0	99.9	625.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
4.7	33.0	99.9	600.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
4.8	33.0	99.9	575.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
4.9	33.0	99.9	550.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.0	33.0	99.9	525.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.1	33.0	99.9	500.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.2	33.0	99.9	475.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.3	33.0	99.9	450.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.4	33.0	99.9	425.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.5	33.0	99.9	400.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.6	33.0	99.9	375.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.7	33.0	99.9	350.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.8	33.0	99.9	325.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.9	33.0	99.9	300.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
6.0	33.0	99.9	275.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
6.1	33.0	99.9	250.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
6.2	33.0	99.9	225.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
6.3	33.0	99.9	200.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
6.4	33.0	99.9	175.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
6.5	33.0	99.9	150.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
6.6	33.0	99.9	125.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
6.7	33.0	99.9	100.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
6.8	33.0	99.9	75.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
6.9	33.0	99.9	50.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
7.0	33.0	99.9	25.0	99.9	97.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 15 MORTON, TEXAS													
11 APRIL 1979 207 GMT													
TIME MIL	CNTCT	HEIGHT GMS	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MZ RTO CM/LS	RANGE NM
0.0	18.1	1142.0	865.0	12.5	14.6	220.0	0.2	0.3	0.3	217.0	306.7	3.1	104 103.0
0.2	04.0	1000.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
0.4	04.0	975.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
0.6	04.0	950.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
0.8	04.0	925.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
1.0	04.0	900.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
1.2	04.0	875.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
1.4	04.0	850.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
1.6	04.0	825.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
1.8	04.0	800.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
2.0	04.0	775.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
2.2	04.0	750.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
2.4	04.0	725.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
2.6	04.0	700.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
2.8	04.0	675.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
3.0	04.0	650.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
3.2	04.0	625.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
3.4	04.0	600.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
3.6	04.0	575.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
3.8	04.0	550.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
4.0	04.0	525.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
4.2	04.0	500.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
4.4	04.0	475.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
4.6	04.0	450.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
4.8	04.0	425.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
5.0	04.0	400.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
5.2	04.0	375.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
5.4	04.0	350.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
5.6	04.0	325.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
5.8	04.0	300.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
6.0	04.0	275.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
6.2	04.0	250.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
6.4	04.0	225.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
6.6	04.0	200.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
6.8	04.0	175.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
7.0	04.0	150.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
7.2	04.0	125.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
7.4	04.0	100.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
7.6	04.0	75.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
7.8	04.0	50.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0
8.0	04.0	25.0	865.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	0.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TWO MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 15
MORTON, TEXAS11 APRIL 1979
1107 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO -CM/KG	R. PCV	RANGE KM	AZ DEG
3-0	19-9	1142-0	964-7	6-2	-9-5	220-0	8-1	5-3	6-3	291-2	297-8	2-3	34-0	0-0	0-0
3-3	92-0	1090-0	999-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
3-6	92-0	999-0	975-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
3-9	92-0	999-0	953-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
3-12	92-0	999-0	925-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
3-15	92-0	999-0	890-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
3-18	92-0	999-0	875-0	99-9	99-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
3-21	92-0	1282-4	850-0	5-6	-9-2	232-4	20-0	16-6	12-6	292-0	298-4	2-2	33-6	0-5	90-0
3-24	23-4	1525-7	825-0	3-5	-12-4	238-1	21-0	17-7	12-9	292-3	298-3	2-1	35-2	1-4	57-0
3-27	25-2	1774-4	801-0	1-2	-11-3	239-9	23-8	19-7	13-3	292-5	298-3	2-0	38-5	2-5	55-0
3-30	27-7	2078-0	775-0	-1-1	-11-9	234-5	23-1	18-8	13-4	292-6	298-1	2-0	43-7	3-9	56-0
3-33	30-2	2297-1	750-0	-3-4	-13-6	232-3	22-7	17-9	13-9	292-9	298-1	1-8	48-1	5-1	54-0
3-36	32-4	2556-3	725-0	-5-3	-15-5	236-3	19-2	16-0	10-4	293-6	298-3	1-6	48-5	0-2	55-0
3-39	35-4	2470-8	701-0	-7-4	-17-2	236-9	20-1	16-0	10-6	294-3	298-5	1-0	45-1	7-3	54-0
3-42	38-7	3113-1	675-0	-9-0	-22-1	236-9	20-1	16-0	11-0	295-6	298-5	1-0	31-7	9-5	54-0
3-45	40-7	3404-3	650-0	-10-9	-23-4	237-4	22-5	19-3	11-5	296-6	298-2	0-5	22-0	9-7	56-0
3-48	43-4	3744-4	625-0	-13-1	-32-5	237-7	24-4	21-1	13-3	297-9	298-9	0-4	17-7	11-3	57-0
3-51	46-3	4144-4	600-0	-16-6	-34-4	234-2	30-4	24-6	17-7	299-3	300-4	0-3	16-6	13-1	54-0
3-54	49-2	4735-8	575-0	-19-0	-37-2	234-2	35-1	27-5	22-1	300-7	302-4	0-5	32-1	15-3	54-0
3-57	52-1	4664-3	550-0	-16-5	-33-2	236-9	35-2	25-3	22-5	301-5	303-3	0-6	34-5	17-6	55-0
3-60	55-2	5013-1	525-0	-21-3	-37-7	216-3	38-2	24-2	29-6	302-8	304-2	0-4	31-7	19-9	54-0
3-63	58-3	5371-5	500-0	-23-7	-31-4	213-0	40-1	22-2	14-2	304-1	305-9	0-6	48-5	22-5	41-0
3-66	61-4	5744-2	475-0	-26-3	-30-4	207-3	41-1	18-8	16-5	305-4	307-5	0-6	55-2	25-2	49-0
3-69	64-5	6132-5	452-0	-25-5	-33-7	208-4	39-3	16-5	16-5	306-2	307-4	0-5	55-4	29-1	46-0
3-72	67-6	6537-6	425-0	-33-4	-34-6	207-6	46-3	21-5	41-0	306-2	307-5	0-4	72-8	30-7	44-0
3-75	70-7	6804-9	402-0	-36-6	-42-8	210-5	45-5	23-1	39-2	307-5	308-9	0-2	52-2	36-3	43-0
3-78	73-8	7404-9	375-0	-39-7	-43-9	212-5	33-7	18-1	29-4	308-1	309-9	99-9	999-9	37-7	42-0
3-81	76-9	7876-1	350-0	-35-6	-42-7	217-5	38-7	23-5	30-7	315-3	315-0	0-1	21-0	41-4	41-0
3-84	79-0	8358-8	325-0	-34-0	-42-2	217-6	33-7	20-5	26-7	327-1	327-1	0-1	15-7	45-3	41-0
3-87	82-1	8935-9	300-0	-39-8	-43-9	210-8	38-3	19-5	32-7	329-3	329-9	99-9	999-9	43-5	41-0
3-90	85-2	9276-9	275-0	-45-4	-49-9	208-6	48-3	21-2	48-1	329-5	329-9	99-9	999-9	51-9	40-0
3-93	88-3	10151-2	250-0	-44-9	-49-9	208-2	48-3	23-9	42-7	329-5	329-9	99-9	999-9	58-4	38-0
3-96	91-4	10950-3	225-0	-46-2	-49-9	218-2	36-2	22-4	25-4	327-7	327-9	99-9	999-9	63-7	39-0
3-99	94-5	11644-7	203-0	-47-3	-49-9	222-9	38-5	26-2	24-2	327-6	327-9	99-9	999-9	69-2	39-0
4-02	97-6	12422-5	175-0	-47-0	-49-9	226-3	35-7	23-8	24-7	327-4	327-9	99-9	999-9	74-9	38-0
4-05	100-7	1528-9	155-0	-51-0	-49-9	233-5	30-2	24-3	19-0	322-2	322-9	99-9	999-9	81-2	39-0
4-08	103-8	14709-1	125-0	-53-9	-49-9	145-5	10-1	-4-7	8-3	327-4	327-9	99-9	999-9	93-7	40-0
4-11	106-9	16132-9	100-0	-56-3	-49-9	99-9	99-9	99-9	99-9	419-0	419-9	99-9	999-9	992-9	999-9
4-14	109-9	99-9	75-0	-58-9	-49-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
4-17	112-9	99-9	52-0	-59-9	-49-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9
4-20	115-9	99-9	25-0	-60-0	-49-9	99-9	99-9	99-9	99-9	99-9	999-9	99-9	999-9	999-9	999-9

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 2 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10 BATON, NEW MEXICO													
10 APRIL 1979													
TIME	CNCT	WEIGHT	PRES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POY Y	E POT Y	HN RTO	RM
W14		GM	MB	DC C	DC C	DC	M/SEC	M/SEC	M/SEC	DC K	DC K	CM/KG	PCY
000	27.6	1920.2	737.2	2.5	-2.1	200.0	1.2	0.3	0.9	293.2	309.5	4.8	93.0
005	30.6	98.9	1000.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
010	33.6	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
015	36.6	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
020	39.6	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
025	42.6	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
030	45.6	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
035	48.6	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
040	51.6	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
045	54.6	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
050	57.6	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
055	60.6	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
060	63.6	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
065	66.6	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
070	69.6	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
075	72.6	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
080	75.6	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
085	78.6	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
090	81.6	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
095	84.6	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	87.6	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
105	90.6	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
110	93.6	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
115	96.6	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
120	99.6	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
125	102.6	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
130	105.6	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
135	108.6	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
140	111.6	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
145	114.6	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
150	117.6	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
155	120.6	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
160	123.6	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
165	126.6	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
170	129.6	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
175	132.6	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
180	135.6	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
185	138.6	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
190	141.6	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
195	144.6	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	147.6	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 OF FOUR QUALITY

STATION NO. 18
RATON, NEW MEXICO
10 APRIL 1979
1407 GMT

VIVE WIND	CNTCT	HEIGHT GPN	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/S:G	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
92.0	27.9	1939.0	796.1	2.3	1.3	350.2	1.0	0.0	-1.0	295.1	309.7	5.4	93.0	0.0	0
92.2	92.0	1000.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
92.3	92.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
RATON, NEW MEXICO
10 APRIL 1979
1700 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR STD GM/KG	RM PCT	RANGE AZ KM	DG
3.0	27.5	1039.0	794.7	5.9	7.6	360.0	4.1	0.0	44.1	299.0	313.2	5.1	52.0	0.0	0.
3.3	33.0	97.0	1000.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
3.6	33.0	97.0	975.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
3.9	33.0	99.9	953.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
4.2	33.0	99.9	925.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
4.5	33.0	99.9	903.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
4.8	33.0	99.9	875.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
5.1	33.0	99.9	850.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
5.4	33.0	99.9	825.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
5.7	33.0	99.9	800.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
6.0	33.0	99.9	775.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
6.3	33.0	99.9	750.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
6.6	33.0	99.9	725.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
6.9	33.0	99.9	700.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
7.2	33.0	99.9	675.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
7.5	33.0	99.9	650.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
7.8	33.0	99.9	625.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
8.1	33.0	99.9	600.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
8.4	33.0	99.9	575.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
8.7	33.0	99.9	550.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
9.0	33.0	99.9	525.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
9.3	33.0	99.9	500.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
9.6	33.0	99.9	475.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
9.9	33.0	99.9	450.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
10.2	33.0	99.9	425.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
10.5	33.0	99.9	400.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
10.8	33.0	99.9	375.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
11.1	33.0	99.9	350.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
11.4	33.0	99.9	325.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
11.7	33.0	99.9	300.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
12.0	33.0	99.9	275.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
12.3	33.0	99.9	250.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
12.6	33.0	99.9	225.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
12.9	33.0	99.9	200.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
13.2	33.0	99.9	175.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
13.5	33.0	99.9	150.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
13.8	33.0	99.9	125.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
14.1	33.0	99.9	100.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
14.4	33.0	99.9	75.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
14.7	33.0	99.9	50.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9
15.0	33.0	99.9	25.0	98.9	98.9	99.9	98.9	99.9	99.9	98.9	98.9	98.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 18
RATON, NEW MEXICO

10 APRIL 1979
2023 GMT

112 94. 0

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP C/C	DEW PT C/C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	W T PTD G/MKG	RM PCT	RANGE KM	AZ DG
00.0	23.0	1930.0	781.9	12.3	2.6	250.0	12.9	12.1	4.4	304.3	321.1	3.9	53.0	3.0	9.
00.9	94.0	93.0	1000.0	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.3	99.0	99.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	99.0	99.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.3	99.0	99.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	99.0	99.0	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.3	99.0	99.0	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.9	99.0	99.0	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.3	99.0	99.0	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.9	99.0	99.0	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.3	99.0	99.0	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.9	99.0	99.0	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.3	99.0	99.0	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.9	99.0	99.0	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.3	99.0	99.0	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.9	99.0	99.0	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08.3	99.0	99.0	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08.9	99.0	99.0	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.3	99.0	99.0	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.9	99.0	99.0	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.3	99.0	99.0	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.9	99.0	99.0	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11.3	99.0	99.0	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11.9	99.0	99.0	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.3	99.0	99.0	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.9	99.0	99.0	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13.3	99.0	99.0	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13.9	99.0	99.0	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.3	99.0	99.0	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.9	99.0	99.0	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.3	99.0	99.0	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.9	99.0	99.0	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16.3	99.0	99.0	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16.9	99.0	99.0	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17.3	99.0	99.0	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17.9	99.0	99.0	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.3	99.0	99.0	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.9	99.0	99.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19.3	99.0	99.0	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19.9	99.0	99.0	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.3	99.0	99.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 18
RAYON, NEW MEXICO11 APRIL 1979
1127 GMT

TIME MIL	CATCY	HEIGHT CM	PRCS MM	TEMP DEG C	DIR BY DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG K	E POT Y DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
000	28.1	1939.0	778.0	8.4	43.3	180.0	1.0	0.0	1.0	293.9	304.0	3.9	76.0	0.0	0.0
000	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	950.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	925.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	900.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	875.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	850.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	825.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	800.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	775.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	750.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	725.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	700.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	675.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	650.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	625.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	600.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	575.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	550.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	525.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	500.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	475.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	450.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	425.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	400.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	375.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	350.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	325.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	300.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	275.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	250.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	225.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	200.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	175.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	150.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	125.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	100.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	75.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	50.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
000	99.0	99.0	25.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE 0- TIME HAVE BEEN INTERPOLATED
 2 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 19
OAKFORD, MISSISSIPPI
10 APRIL 1970
1130 GAT

TIME MIL	CNTCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX WIND CM/KG	RM PCT	RANGE KM	AZ DEG
0.3	6.3	125.0	999.0	6.2	4.7	100.0	8.8	-3.7	6.7	279.4	293.1	5.4	90.3	0.0	0
0.9	9.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3.7	9.1	37.0	975.0	7.2	3.6	125.0	9.7	-7.9	5.4	280.4	232.5	5.1	97.4	9.2	240
1.6	11.5	539.3	970.0	4.7	1.7	146.2	8.4	-4.7	7.9	282.0	233.9	4.6	90.7	0.7	304
2.5	13.8	757.0	925.0	5.6	2.6	231.1	8.3	1.9	4.9	285.1	298.1	5.9	99.7	1.9	310
3.4	15.2	931.0	930.0	6.6	-0.2	246.3	4.8	4.1	2.4	289.3	299.7	4.2	92.1	1.9	310
4.3	18.4	1213.9	974.0	4.4	-10.4	232.2	1.3	4.9	3.9	292.5	298.3	2.0	26.3	1.1	340
5.3	21.0	1457.5	950.0	10.7	-22.2	245.3	7.3	6.7	2.9	297.0	299.3	0.9	9.2	1.3	5
6.3	23.5	1711.7	925.0	10.1	-22.3	246.8	6.7	6.2	2.6	299.3	311.7	0.9	9.2	1.5	20
7.3	25.0	1946.8	900.0	5.8	-22.5	259.1	6.8	6.6	1.3	301.6	314.0	0.9	9.3	1.9	30
8.3	24.5	2212.6	775.0	8.6	-23.1	237.7	8.1	8.8	0.3	303.3	317.7	0.9	9.4	2.1	39
9.2	31.1	2400.0	750.0	7.9	-23.7	237.5	8.9	8.9	-0.6	305.2	317.7	0.9	9.4	2.4	40
10.3	33.7	2746.7	724.0	4.7	-17.7	272.9	9.8	9.8	-0.5	306.6	310.3	1.2	13.9	2.9	47
11.3	35.3	3055.6	700.0	5.5	-19.1	272.9	10.9	10.9	0.3	307.7	311.9	1.4	17.9	3.4	63
12.4	36.1	3350.2	675.0	1.9	-20.3	281.9	14.3	14.1	2.0	307.8	316.3	2.8	43.4	4.2	57
13.4	41.9	3650.2	650.0	-0.1	-20.8	257.5	18.3	17.8	4.0	308.9	322.9	4.8	91.7	5.1	99
14.4	44.4	3747.5	625.0	-2.5	-3.4	237.5	23.9	23.3	5.2	309.7	323.6	4.8	93.0	6.6	71
15.4	47.4	4203.9	600.0	-4.1	-4.3	258.9	24.2	23.8	4.7	311.3	325.0	4.6	95.6	8.4	73
16.1	53.4	4625.0	575.0	-7.5	-9.1	257.4	22.7	22.2	5.2	311.2	322.9	3.6	95.3	10.3	74
17.1	53.4	4960.9	550.0	-10.3	-10.6	255.9	23.0	22.3	5.6	311.8	321.3	3.1	97.5	12.9	74
18.1	53.4	5320.9	525.0	-12.6	-15.5	254.0	21.8	20.7	6.2	313.3	320.0	2.2	74.9	13.7	74
19.1	53.4	5670.9	500.0	-15.3	-17.3	253.6	18.9	18.2	5.4	314.4	320.5	2.0	94.6	15.4	74
20.1	52.9	5933.5	475.0	-14.3	-18.7	253.5	18.9	18.1	5.4	315.3	320.7	1.7	94.8	14.9	74
21.1	50.1	6450.5	459.0	-23.7	-24.9	254.0	18.8	18.1	5.2	317.2	321.0	1.2	71.7	14.7	74
22.1	57.4	6400.2	425.0	-22.8	-24.4	254.1	19.6	18.8	5.4	319.7	322.4	0.8	55.5	23.4	74
23.1	73.0	7345.3	430.0	-26.3	-31.7	254.2	20.3	19.6	5.5	321.3	322.8	0.4	39.2	22.2	74
24.1	70.7	7911.5	375.0	-20.9	-35.5	260.0	16.3	16.1	2.8	322.1	323.6	0.4	52.2	23.9	74
25.1	93.4	8299.2	350.0	-24.1	-38.9	265.0	20.3	20.3	1.5	322.6	324.5	0.3	54.9	25.5	75
26.1	94.3	9813.4	324.0	-34.5	-43.9	261.9	27.9	27.7	3.9	323.9	324.5	0.2	56.1	29.0	75
27.1	94.3	9357.6	300.0	-42.7	-49.9	267.0	28.0	28.2	1.3	323.9	324.5	0.2	99.9	34.0	76
28.1	94.3	9933.6	275.0	-49.2	-54.9	269.0	29.3	29.3	0.5	324.3	324.5	0.2	99.9	37.5	76
29.1	97.5	10550.0	250.0	-54.2	-57.7	269.0	39.5	39.4	-3.2	330.1	324.5	0.2	99.9	41.6	80
30.1	102.4	11233.4	225.0	-57.7	-59.9	274.6	99.9	99.9	99.9	330.1	324.5	0.2	99.9	99.9	99.9
31.1	137.4	11941.0	200.0	-60.7	-59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.1	93.9	80.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.1	93.9	99.9	153.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.1	93.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.1	93.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.1	93.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.1	93.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.1	93.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.1	93.9	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.1	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 16
OSFORD, MISSISSIPPI

10 APRIL 1979
1400 GMT

TIME MIL	CNTCT	HEIGHT GPM	PRCS MB	TEMP DE C	Q-N PT DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MR NYO CM/KG	RM MCT	RANGE KM	AZ DG
000	000	1250	990.0	00.0	30.0	00.0	7.7	-7.7	0.0	281.9	225.1	3.1	72.0	00.0	00.0
005	005	990.0	1000.0	00.0	00.0	00.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
010	010	320.0	970.0	00.0	2.5	120.0	6.1	-6.1	3.0	280.4	232.5	0.7	82.9	00.0	00.0
015	015	330.0	950.0	00.0	2.1	90.0	4.2	-4.2	0.4	283.5	235.7	0.7	75.1	00.0	00.0
020	020	730.1	920.0	00.0	00.0	330.0	2.2	1.0	-0.7	290.8	230.1	0.2	52.7	00.0	00.0
025	025	000.0	900.0	00.0	-10.0	290.0	3.4	3.4	-0.7	295.1	230.0	1.0	9.1	00.0	00.0
030	030	1220.0	870.0	00.0	-10.0	260.0	4.0	4.0	0.4	290.2	230.0	1.0	9.1	00.0	00.0
035	035	1000.0	850.0	00.0	-10.0	230.0	5.7	5.7	3.0	299.1	230.0	1.0	9.2	00.0	00.0
040	040	1710.0	820.0	00.0	-10.0	230.0	4.0	4.0	2.1	300.6	230.0	0.9	9.2	00.0	00.0
045	045	1970.0	790.0	00.0	-10.0	250.0	3.1	3.1	0.7	302.1	230.0	0.9	9.4	00.0	00.0
050	050	2230.0	770.0	00.0	-10.0	240.0	4.4	4.4	1.6	302.4	230.0	0.9	9.4	00.0	00.0
055	055	2500.0	750.0	00.0	-10.0	230.0	9.0	9.0	5.1	304.3	230.0	2.4	24.4	00.0	00.0
060	060	2700.0	720.0	00.0	-10.0	230.0	15.0	15.0	0.2	304.8	230.0	3.2	43.1	00.0	00.0
065	065	3000.0	700.0	00.0	-10.0	240.0	17.0	17.0	0.3	305.7	230.0	3.9	57.5	00.0	00.0
070	070	3200.0	680.0	00.0	-10.0	240.0	21.1	21.1	7.4	306.2	230.0	6.4	75.2	00.0	00.0
075	075	3500.0	650.0	00.0	-10.0	250.0	24.0	24.0	7.3	307.0	230.0	6.2	100.5	00.0	00.0
080	080	3800.0	620.0	00.0	-10.0	250.0	27.0	27.0	9.2	308.5	230.0	6.9	120.0	00.0	00.0
085	085	4100.0	590.0	00.0	-10.0	240.0	27.4	27.4	9.6	309.0	230.0	7.4	140.0	00.0	00.0
090	090	4400.0	570.0	00.0	-10.0	250.0	25.1	25.1	7.0	310.0	230.0	2.5	160.0	00.0	00.0
095	095	4700.0	550.0	00.0	-10.0	250.0	23.9	23.9	6.7	311.5	230.0	2.2	180.0	00.0	00.0
100	100	5000.0	520.0	00.0	-10.0	250.0	22.3	22.3	5.0	313.5	230.0	2.0	200.0	00.0	00.0
105	105	5300.0	500.0	00.0	-10.0	250.0	22.0	22.0	4.6	314.0	230.0	1.3	220.0	00.0	00.0
110	110	5600.0	470.0	00.0	-10.0	250.0	22.5	22.5	3.9	315.0	230.0	1.1	240.0	00.0	00.0
115	115	5900.0	450.0	00.0	-10.0	260.0	20.9	20.9	3.4	317.0	230.0	0.6	260.0	00.0	00.0
120	120	6200.0	420.0	00.0	-10.0	250.0	24.6	24.6	5.1	318.3	230.0	0.2	280.0	00.0	00.0
125	125	6500.0	400.0	00.0	-10.0	260.0	25.1	25.1	7.5	319.7	230.0	0.2	300.0	00.0	00.0
130	130	6800.0	370.0	00.0	-10.0	260.0	25.9	25.9	2.0	320.5	230.0	0.2	320.0	00.0	00.0
135	135	7100.0	350.0	00.0	-10.0	260.0	27.0	27.0	2.6	321.5	230.0	0.0	340.0	00.0	00.0
140	140	7400.0	320.0	00.0	-10.0	260.0	28.0	28.0	2.2	321.9	230.0	0.0	360.0	00.0	00.0
145	145	7700.0	300.0	00.0	-10.0	260.0	25.1	25.1	1.3	322.2	230.0	0.0	380.0	00.0	00.0
150	150	8000.0	270.0	00.0	-10.0	270.0	30.3	30.3	-0.9	325.1	230.0	0.0	400.0	00.0	00.0
155	155	8300.0	250.0	00.0	-10.0	270.0	30.2	30.2	-1.3	327.3	230.0	0.0	420.0	00.0	00.0
160	160	8600.0	230.0	00.0	-10.0	270.0	30.0	30.0	-0.2	331.4	230.0	0.0	440.0	00.0	00.0
165	165	8900.0	210.0	00.0	-10.0	260.0	30.6	30.6	1.7	341.0	230.0	0.0	460.0	00.0	00.0
170	170	9200.0	190.0	00.0	-10.0	260.0	30.0	30.0	0.0	351.3	230.0	0.0	480.0	00.0	00.0
175	175	9500.0	170.0	00.0	-10.0	260.0	30.0	30.0	0.0	361.3	230.0	0.0	500.0	00.0	00.0
180	180	9800.0	150.0	00.0	-10.0	260.0	30.0	30.0	0.0	371.3	230.0	0.0	520.0	00.0	00.0
185	185	10100.0	130.0	00.0	-10.0	260.0	30.0	30.0	0.0	381.3	230.0	0.0	540.0	00.0	00.0
190	190	10400.0	110.0	00.0	-10.0	260.0	30.0	30.0	0.0	391.3	230.0	0.0	560.0	00.0	00.0
195	195	10700.0	90.0	00.0	-10.0	260.0	30.0	30.0	0.0	401.3	230.0	0.0	580.0	00.0	00.0
200	200	11000.0	70.0	00.0	-10.0	260.0	30.0	30.0	0.0	411.3	230.0	0.0	600.0	00.0	00.0
205	205	11300.0	50.0	00.0	-10.0	260.0	30.0	30.0	0.0	421.3	230.0	0.0	620.0	00.0	00.0
210	210	11600.0	30.0	00.0	-10.0	260.0	30.0	30.0	0.0	431.3	230.0	0.0	640.0	00.0	00.0
215	215	11900.0	10.0	00.0	-10.0	260.0	30.0	30.0	0.0	441.3	230.0	0.0	660.0	00.0	00.0
220	220	12200.0	0.0	00.0	-10.0	260.0	30.0	30.0	0.0	451.3	230.0	0.0	680.0	00.0	00.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 1 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 19
OXFORD, MISSISSIPPI11 APRIL 1979
200 GHT

TIME MIN	CNTCT	WEIGHT GMM	WINDS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX 270 CM/KG	RM PCT	RANGE KM	AZ DEG
0.3	7.2	125.0	993.0	17.4	6.0	80.0	11.3	-11.1	-2.0	291.1	310.1	7.2	57.0	0.0	0.0
0.9	9.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
3.8	8.9	281.2	975.0	99.9	9.3	136.8	13.4	-9.1	9.7	291.9	310.6	7.1	57.0	0.4	310.0
1.4	11.3	502.2	950.0	10.6	10.5	147.9	19.3	-10.3	16.4	292.7	312.2	7.4	63.9	1.4	310.0
2.7	13.4	723.3	925.0	15.0	10.2	163.3	23.3	-6.7	22.3	294.6	317.2	8.5	73.1	2.5	325.0
3.5	15.9	941.6	900.0	16.3	15.9	181.6	24.8	0.7	24.8	298.3	322.1	12.8	97.5	3.5	334.0
4.3	13.3	1201.6	875.0	15.2	13.6	189.5	27.9	4.6	27.6	299.6	329.7	11.3	99.6	4.7	343.0
5.3	23.2	1690.9	825.0	14.4	9.7	191.0	24.9	4.8	24.4	301.2	325.6	9.8	73.9	6.2	350.0
5.3	23.2	1690.9	825.0	14.4	9.7	191.0	24.9	4.8	24.4	301.2	325.6	9.8	73.9	6.2	350.0
7.3	25.7	1959.4	800.0	13.3	5.7	200.7	22.4	7.1	22.0	302.7	329.8	9.8	60.0	9.7	357.0
8.3	33.8	2761.3	775.0	12.8	2.1	218.1	18.2	11.2	18.9	305.4	324.1	5.8	43.1	9.7	0.0
9.3	33.8	2761.3	775.0	12.8	2.1	218.1	18.2	11.2	18.9	305.4	324.1	5.8	43.1	9.7	0.0
10.4	33.8	3071.9	700.0	8.5	-1.2	244.5	15.4	13.9	6.6	309.2	322.9	4.9	50.2	11.0	0.0
11.4	33.8	3071.9	700.0	8.5	-1.2	244.5	15.4	13.9	6.6	309.2	322.9	4.9	50.2	11.0	0.0
12.7	33.7	3394.1	675.0	7.9	-3.9	240.5	16.6	15.2	6.6	310.0	322.6	4.3	55.9	12.4	17.0
13.8	41.4	3674.7	650.0	1.4	-5.2	239.0	19.4	16.9	9.0	310.0	322.6	4.3	55.9	12.4	17.0
14.9	44.2	3969.4	625.0	-1.3	-7.0	239.0	19.4	16.9	9.0	310.0	322.6	4.3	55.9	12.4	17.0
16.3	47.1	4313.4	600.0	-4.1	-9.2	237.1	23.1	19.4	10.3	311.3	320.9	3.2	67.9	15.6	27.0
17.1	50.1	4647.5	575.0	-7.3	-10.1	236.6	24.6	20.8	13.2	311.3	320.9	3.2	67.9	15.6	27.0
18.2	53.0	4992.9	550.0	-11.3	-12.7	235.5	21.0	20.4	10.2	314.8	323.2	2.2	86.7	17.0	30.0
19.7	56.1	5351.6	525.0	-14.5	-14.9	232.7	20.9	20.0	8.2	315.3	322.3	2.2	86.7	17.0	30.0
21.1	58.3	5724.3	500.0	-17.2	-17.9	230.8	23.2	22.9	7.7	317.9	322.4	1.5	97.7	20.4	48.0
22.9	62.4	6111.2	475.0	-20.2	-21.5	228.6	27.1	26.8	3.5	319.2	319.9	0.2	15.0	20.4	48.0
24.2	65.4	6514.4	450.0	-23.3	-24.6	225.5	27.1	26.8	3.5	319.2	319.9	0.2	15.0	20.4	48.0
25.9	68.1	6935.6	425.0	-26.7	-27.9	223.9	32.5	30.3	9.0	320.7	321.2	0.1	12.2	20.4	48.0
27.8	72.7	7377.1	400.0	-30.3	-31.5	221.2	38.0	38.4	11.9	323.3	323.9	0.1	15.1	30.7	55.0
29.5	76.4	7840.7	375.0	-33.5	-34.7	218.6	37.4	37.4	9.9	323.3	323.9	0.1	15.1	30.7	55.0
31.6	80.2	8328.4	350.0	-37.3	-38.5	216.2	36.3	36.3	8.9	323.3	323.9	0.1	15.1	30.7	55.0
33.6	84.3	8804.6	325.0	-41.0	-42.2	213.7	35.0	35.0	8.9	323.3	323.9	0.1	15.1	30.7	55.0
35.6	88.3	9303.4	300.0	-44.8	-46.0	211.2	33.8	33.8	8.9	323.3	323.9	0.1	15.1	30.7	55.0
37.7	92.8	9778.4	275.0	-48.1	-49.3	208.6	32.5	32.5	8.9	323.3	323.9	0.1	15.1	30.7	55.0
39.7	97.4	10206.3	250.0	-51.7	-52.9	206.2	31.0	31.0	8.9	323.3	323.9	0.1	15.1	30.7	55.0
42.3	102.4	10678.1	225.0	-55.4	-56.6	204.9	29.6	29.6	8.9	323.3	323.9	0.1	15.1	30.7	55.0
45.3	107.9	11207.2	200.0	-59.3	-60.5	203.6	28.2	28.2	8.9	323.3	323.9	0.1	15.1	30.7	55.0
48.4	113.5	11812.0	175.0	-63.3	-64.5	202.3	26.8	26.8	8.9	323.3	323.9	0.1	15.1	30.7	55.0
52.3	122.0	12417.3	150.0	-67.3	-68.5	201.0	25.4	25.4	8.9	323.3	323.9	0.1	15.1	30.7	55.0
56.2	127.0	13047.8	125.0	-71.3	-72.5	200.6	24.0	24.0	8.9	323.3	323.9	0.1	15.1	30.7	55.0
59.3	132.4	13700.0	100.0	-75.3	-76.5	200.6	22.6	22.6	8.9	323.3	323.9	0.1	15.1	30.7	55.0
62.9	138.0	14375.0	75.0	-79.3	-80.5	200.6	21.2	21.2	8.9	323.3	323.9	0.1	15.1	30.7	55.0
66.9	144.0	15075.0	50.0	-83.3	-84.5	200.6	19.8	19.8	8.9	323.3	323.9	0.1	15.1	30.7	55.0
70.9	150.0	15800.0	25.0	-87.3	-88.5	200.6	18.4	18.4	8.9	323.3	323.9	0.1	15.1	30.7	55.0
74.9	156.0	16550.0	0.0	-91.3	-92.5	200.6	17.0	17.0	8.9	323.3	323.9	0.1	15.1	30.7	55.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 0 BY TEMP MEANS TEMPERATURE OR TYPE HAVE BEEN INTERPOLATED
 00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 19
OXFORD, MISSISSIPPI11 APRIL 1979
517 GMT

TIME MIN	CNTCT	WEIGHT GPM	SPRS MS	TEMP DEG C	QFM PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG M	POT Y DEG M	MR WTD CM/SEC	RM PCT	RANGE M	AZ DEG
30.3	7.4	125.0	993.0	19.7	11.5	90.9	11.3	-11.3	0.0	292.4	315.1	0.5	53.9	0.0	0.0
31.3	7.0	99.9	1222.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.3	7.1	291.0	975.0	17.2	11.3	170.0	33.0	-9.7	32.5	292.5	319.3	0.7	49.1	0.5	304.0
1.3	11.4	503.3	950.0	17.0	12.1	178.9	29.2	-0.6	29.2	291.0	317.7	0.4	79.0	1.7	349.0
1.3	11.7	730.2	925.0	16.2	13.2	191.9	32.6	0.7	31.7	295.9	326.1	12.7	120.1	2.9	355.0
2.3	13.2	954.3	923.0	15.2	12.8	198.9	34.0	11.0	32.2	308.2	326.2	10.4	77.9	4.3	2.0
3.2	13.5	1275.6	975.0	17.7	13.4	200.7	32.0	11.6	30.7	302.2	327.0	9.1	62.1	5.3	6.0
3.7	21.7	1453.4	955.0	17.1	9.9	198.9	30.8	9.9	29.2	304.1	327.5	8.5	54.3	9.2	9.0
4.2	23.4	1709.1	925.0	16.9	-1.3	195.6	28.4	7.4	27.4	305.9	318.3	4.2	27.6	7.1	10.0
4.9	25.2	1730.2	920.0	14.9	-2.4	195.6	24.2	6.5	23.3	307.1	319.7	6.0	39.1	9.2	10.0
5.3	23.5	2233.3	775.0	13.3	-4.0	199.7	24.7	7.4	23.4	308.2	319.0	3.7	27.7	9.6	11.0
6.6	31.2	2717.6	775.0	12.9	-5.3	206.8	24.3	6.6	22.7	308.4	319.6	3.4	31.7	10.7	12.0
7.3	33.0	2708.1	775.0	9.4	-5.5	205.4	23.3	10.0	21.9	308.7	319.6	3.5	36.5	11.7	13.0
9.1	35.3	3092.3	775.0	5.0	-5.9	215.7	21.4	12.5	17.6	309.1	319.6	3.9	42.3	12.6	14.0
9.3	35.3	3373.4	675.0	3.5	-5.5	234.0	18.1	14.6	17.0	309.5	319.9	3.5	48.0	13.7	17.0
11.9	41.4	3905.7	675.0	1.2	-5.0	241.9	17.0	15.7	9.4	310.4	320.0	3.2	49.9	14.9	21.0
12.4	47.4	4122.5	675.0	-4.7	-9.2	252.2	14.3	13.5	4.6	310.6	319.0	3.1	54.1	15.7	24.0
14.1	53.4	4650.1	575.0	-7.0	-11.7	281.2	10.9	10.9	1.3	310.7	319.0	3.0	64.5	16.2	25.0
15.4	53.4	5031.5	550.0	-4.5	-11.2	292.5	8.9	8.9	-1.0	311.0	320.0	2.7	49.1	16.5	26.0
15.6	53.4	5359.3	525.0	-12.4	-15.2	289.9	10.7	10.1	-3.4	312.5	320.2	2.5	75.9	16.6	31.0
15.3	53.4	5733.3	575.0	-14.9	-15.9	275.4	12.3	12.2	-3.5	313.5	320.4	2.2	79.5	15.9	33.0
15.5	52.4	6116.9	475.0	-17.4	-19.0	264.0	12.8	11.7	-1.1	315.0	321.4	2.0	94.7	17.0	34.0
21.1	62.3	6523.1	450.0	-20.2	-23.1	232.0	11.6	9.2	5.2	315.4	322.1	1.8	87.1	19.0	39.0
22.7	69.4	6941.5	425.0	-22.2	-25.8	219.0	14.0	8.9	7.3	317.0	322.5	1.4	95.1	19.0	40.0
24.3	73.7	7324.4	420.0	-26.5	-29.1	221.9	18.3	12.2	10.9	319.2	322.8	1.1	79.1	20.2	46.0
25.3	73.0	7845.9	420.0	-26.5	-32.6	232.9	20.0	15.9	13.6	320.6	323.5	0.9	79.2	21.7	48.0
27.2	83.4	9336.7	350.0	-32.9	-35.6	237.7	19.4	16.4	12.3	321.9	324.1	0.4	77.7	23.4	40.0
28.5	85.3	9947.6	325.0	-37.1	-47.4	245.1	21.5	20.7	10.3	323.2	324.9	0.3	75.6	24.0	41.0
31.9	89.5	9394.2	300.0	-41.3	-50.9	257.2	21.7	21.2	8.3	325.6	324.9	0.3	77.0	25.0	47.0
32.4	42.4	9992.7	275.0	-45.6	99.9	253.7	24.9	23.9	4.8	327.2	329.0	0.9	99.9	29.2	46.0
34.3	47.6	10612.0	270.0	-50.7	99.9	251.4	28.6	27.1	7.9	329.2	329.0	0.9	99.9	31.5	48.0
35.3	13.4	11240.3	224.0	-54.6	99.9	250.6	29.8	28.1	9.1	331.4	329.0	0.9	99.9	34.7	50.0
36.1	13.6	12330.1	220.0	-61.1	99.9	252.2	40.2	38.3	9.9	331.9	329.0	0.9	99.9	37.9	52.0
42.3	11.3	12857.9	175.0	-62.5	99.9	254.3	61.8	60.5	12.3	336.1	329.0	0.9	99.9	41.9	54.0
45.9	12.7	13034.2	150.0	-64.4	99.9	259.4	61.6	60.5	12.5	346.8	329.0	0.9	99.9	51.8	59.0
51.3	12.7	14912.3	154.0	-67.4	99.9	260.2	48.1	47.4	11.3	349.2	329.0	0.9	99.9	64.4	64.0
51.9	54.9	99.9	120.0	-67.4	99.9	260.2	48.1	47.4	8.2	350.1	329.0	0.9	99.9	90.5	64.0
54.3	54.6	99.9	74.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54.3	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59.3	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

10 APRIL 1979
1100 GMT

TIME MID	CUTCT	WRIGHT GPM	QRES MB	TEMP OC C	DEW PT OC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT P DG K	RANGE M	DM PCT	155	170	2
3.0	502	130.0	977.4	4.3	3.7	50.0	4.6	-3.5	-7.0	277.7	277.7	277.7	35.2	35.2	35.2	35.2
3.1	502	55.9	1072.0	99.9	99.9	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	502	325.5	975.0	5.1	2.4	66.7	9.4	-8.6	-3.7	290.3	290.3	290.3	4.7	4.7	4.7	4.7
3.3	100.5	513.5	950.0	7.2	2.0	44.5	3.7	-7.3	-7.7	298.5	298.5	298.5	4.7	4.7	4.7	4.7
3.4	100.5	733.7	925.0	10.3	4.4	26.6	6.0	6.0	0.4	295.9	295.9	295.9	5.7	5.7	5.7	5.7
3.5	15.1	699.3	970.0	13.0	-3.7	252.7	10.1	9.4	3.0	295.9	295.9	295.9	4.1	4.1	4.1	4.1
3.6	17.4	1035.4	875.0	12.0	-15.8	244.6	10.7	9.4	4.3	297.2	297.2	297.2	1.2	1.2	1.2	1.2
3.7	13.3	144.3	950.0	13.0	-13.5	240.6	5.4	8.4	3.7	297.2	297.2	297.2	1.2	1.2	1.2	1.2
3.8	22.2	171.3	950.0	11.7	-17.7	258.3	5.6	8.4	1.9	301.8	301.8	301.8	1.2	1.2	1.2	1.2
3.9	24.4	1673.0	930.0	11.4	-20.0	270.0	5.7	9.7	-7.2	303.3	303.3	303.3	1.2	1.2	1.2	1.2
4.0	49.1	223.2	775.0	10.4	-23.1	278.0	11.3	11.2	-1.6	307.6	307.6	307.6	1.2	1.2	1.2	1.2
4.1	29.6	2511.3	753.0	9.2	-13.4	290.4	14.0	13.8	-2.5	307.6	307.6	307.6	1.2	1.2	1.2	1.2
4.2	32.2	3701.2	725.0	7.8	-19.1	282.2	15.3	15.0	-3.2	308.1	308.1	308.1	1.2	1.2	1.2	1.2
4.3	37.4	373.1	700.0	5.9	-21.4	292.7	14.7	14.4	-3.2	308.1	308.1	308.1	1.2	1.2	1.2	1.2
4.4	37.4	3375.5	675.0	3.9	-22.3	277.0	14.8	14.7	-1.4	310.0	310.0	310.0	1.2	1.2	1.2	1.2
4.5	37.4	373.6	650.0	1.4	-22.5	273.1	14.5	15.4	-0.8	310.0	310.0	310.0	1.2	1.2	1.2	1.2
4.6	20.3	373.6	625.0	-1.1	-18.0	270.3	16.9	16.3	-0.1	311.2	311.2	311.2	1.2	1.2	1.2	1.2
4.7	35.0	4112.0	600.0	-4.0	-15.3	265.2	17.4	17.2	2.4	311.2	311.2	311.2	1.2	1.2	1.2	1.2
4.8	35.0	405.1	575.0	-6.7	-17.3	255.2	16.5	16.0	4.6	311.2	311.2	311.2	1.2	1.2	1.2	1.2
4.9	35.0	405.1	550.0	-6.7	-15.7	252.3	16.4	17.5	5.4	312.4	312.4	312.4	1.2	1.2	1.2	1.2
5.0	35.0	4345.0	525.0	-11.8	-23.4	251.6	17.2	16.3	5.4	312.4	312.4	312.4	1.2	1.2	1.2	1.2
5.1	37.4	577.1	500.0	-14.2	-17.0	253.0	16.4	16.2	5.0	312.4	312.4	312.4	1.2	1.2	1.2	1.2
5.2	37.4	6119.4	475.0	-17.8	-20.9	254.1	16.3	15.4	3.9	316.0	316.0	316.0	1.2	1.2	1.2	1.2
5.3	37.4	6515.3	450.0	-19.7	-24.9	263.9	16.8	19.7	2.1	316.0	316.0	316.0	1.2	1.2	1.2	1.2
5.4	37.4	6515.3	425.0	-20.4	-26.4	267.5	23.9	23.9	1.0	316.0	316.0	316.0	1.2	1.2	1.2	1.2
5.5	37.4	6515.3	400.0	-22.4	-28.4	267.5	23.9	23.9	2.2	322.0	322.0	322.0	1.2	1.2	1.2	1.2
5.6	37.4	6515.3	375.0	-25.4	-30.9	267.5	24.1	26.0	4.4	322.0	322.0	322.0	1.2	1.2	1.2	1.2
5.7	37.4	6515.3	350.0	-29.4	-34.4	261.7	24.7	29.4	3.6	323.2	323.2	323.2	1.2	1.2	1.2	1.2
5.8	37.4	6515.3	325.0	-33.8	-39.1	261.7	24.7	24.4	3.6	323.2	323.2	323.2	1.2	1.2	1.2	1.2
5.9	37.4	6515.3	300.0	-37.8	-43.6	266.7	23.5	23.5	1.4	324.9	324.9	324.9	1.2	1.2	1.2	1.2
6.0	37.4	6515.3	275.0	-42.1	-48.0	268.5	24.6	24.6	0.6	325.7	325.7	325.7	1.2	1.2	1.2	1.2
6.1	37.4	6515.3	250.0	-46.5	-52.9	268.5	24.6	24.6	3.0	325.7	325.7	325.7	1.2	1.2	1.2	1.2
6.2	37.4	6515.3	225.0	-51.1	-59.9	268.5	35.3	35.2	2.1	330.0	330.0	330.0	1.2	1.2	1.2	1.2
6.3	37.4	6515.3	200.0	-55.6	-65.9	268.5	41.0	41.4	1.2	333.3	333.3	333.3	1.2	1.2	1.2	1.2
6.4	37.4	6515.3	175.0	-60.0	-70.9	268.5	47.4	47.4	1.7	337.7	337.7	337.7	1.2	1.2	1.2	1.2
6.5	37.4	6515.3	150.0	-64.4	-75.9	268.5	54.0	49.9	2.9	340.0	340.0	340.0	1.2	1.2	1.2	1.2
6.6	37.4	6515.3	125.0	-68.8	-80.9	268.5	55.94	55.7	3.7	340.0	340.0	340.0	1.2	1.2	1.2	1.2
6.7	37.4	6515.3	100.0	-73.2	-85.9	276.5	43.34	43.1	-4.9	341.3	341.3	341.3	1.2	1.2	1.2	1.2
6.8	37.4	6515.3	75.0	-77.6	-90.9	277.7	25.24	28.9	-3.9	401.3	401.3	401.3	1.2	1.2	1.2	1.2
6.9	37.4	6515.3	50.0	-82.0	-95.9	277.7	25.24	25.0	-0.7	433.8	433.8	433.8	1.2	1.2	1.2	1.2
7.0	37.4	6515.3	25.0	-86.4	-100.9	283.8	16.68	16.1	-0.3	503.8	503.8	503.8	1.2	1.2	1.2	1.2
7.1	37.4	6515.3	25.0	-86.4	-100.9	277.7	29.5	29.2	-3.9	651.0	651.0	651.0	1.2	1.2	1.2	1.2

* JY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

10 APRIL 1976
1604 GMT

TIME MIN	CNTCY	WEIGHT GPM	PRES MB	TEMP DEG C	D/W BY DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX WTD GM/KG	PM PCT	RANGE KM	AZ DEG
3.0	0.1	140.0	993.0	8.9	4.9	110.0	1.1	-2.9	1.1	282.1	282.2	5.5	76.0	0.9	30
3.9	9.9	99.9	1070.0	99.9	99.9	99.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.9	8.2	340.1	975.0	5.9	2.1	999.9	99.9	99.9	99.9	281.0	283.4	4.9	71.9	99.9	330
1.5	10.5	553.4	933.0	7.2	3.6	999.9	99.9	99.9	99.9	280.2	283.4	5.4	45.4	99.9	330
2.2	12.7	773.8	925.0	8.6	3.5	999.9	99.9	99.9	99.9	283.5	283.5	5.0	51.3	99.9	330
3.3	15.2	1002.0	903.0	11.7	2.0	999.9	99.9	99.9	99.9	287.5	287.5	3.7	36.2	99.9	330
3.7	17.4	1232.3	875.0	13.1	-2.3	999.9	99.9	99.9	99.9	280.2	287.2	2.7	25.7	99.9	330
4.5	19.3	1482.2	852.0	12.5	-4.6	999.9	99.9	99.9	99.9	280.2	287.2	3.0	27.0	99.9	330
5.4	22.4	1732.8	824.0	12.8	-4.0	999.9	99.9	99.9	99.9	280.2	287.2	3.0	27.0	99.9	330
6.2	25.3	1930.5	803.0	12.8	-14.0	999.9	99.9	99.9	99.9	280.2	287.2	1.4	12.1	99.9	330
7.1	27.3	2235.7	774.0	11.0	-15.1	999.9	99.9	99.9	99.9	280.2	287.2	1.4	12.1	99.9	330
8.1	32.0	2527.8	750.0	8.9	-15.7	999.9	99.9	99.9	99.9	280.2	287.2	1.4	12.1	99.9	330
9.3	32.4	2827.6	725.0	7.7	-15.8	282.7	1.1	9.6	3.0	307.9	312.3	1.4	12.1	99.9	330
10.3	35.1	3055.6	700.0	5.7	-15.9	282.7	1.1	10.6	2.3	307.9	312.3	1.4	12.1	99.9	330
11.3	37.7	3322.4	675.0	3.4	-16.7	281.5	1.3	13.2	1.9	307.9	312.3	1.4	12.1	99.9	330
12.1	40.4	3597.7	650.0	1.3	-17.3	281.5	1.3	15.9	2.7	310.4	312.3	1.4	12.1	99.9	330
13.2	43.2	4121.1	625.0	-1.9	-17.2	281.5	1.3	18.8	3.7	310.4	312.3	1.4	12.1	99.9	330
14.3	46.2	4359.9	600.0	-4.1	-17.3	281.5	1.3	18.7	5.0	311.6	312.3	1.4	12.1	99.9	330
15.4	48.3	4570.1	575.0	-7.0	-17.3	281.5	1.3	18.4	5.5	311.6	312.3	1.4	12.1	99.9	330
16.6	51.3	5014.3	550.0	-10.4	-17.3	281.5	1.3	18.4	7.0	312.3	312.3	1.4	12.1	99.9	330
17.8	54.9	5371.2	525.0	-13.4	-17.4	281.5	1.3	19.3	9.3	312.3	312.3	1.4	12.1	99.9	330
19.1	57.9	5722.7	500.0	-15.4	-17.4	281.5	1.3	19.2	7.3	312.3	312.3	1.4	12.1	99.9	330
20.5	61.1	6120.2	475.0	-16.5	-17.4	281.5	1.3	22.5	4.7	312.3	312.3	1.4	12.1	99.9	330
21.9	64.4	6514.6	450.0	-18.7	-17.4	281.5	1.3	24.9	7.3	312.3	312.3	1.4	12.1	99.9	330
23.3	67.7	6747.3	425.0	-22.1	-17.4	281.5	1.3	26.9	7.3	312.3	312.3	1.4	12.1	99.9	330
24.9	71.1	7400.4	400.0	-24.9	-17.4	281.5	1.3	27.9	7.3	312.3	312.3	1.4	12.1	99.9	330
26.3	74.7	7863.5	375.0	-28.4	-17.4	281.5	1.3	29.7	7.3	312.3	312.3	1.4	12.1	99.9	330
28.2	78.4	8355.1	350.0	-33.2	-17.4	281.5	1.3	29.6	4.4	312.3	312.3	1.4	12.1	99.9	330
30.3	82.3	8872.0	325.0	-37.7	-17.4	281.5	1.3	29.6	7.2	312.3	312.3	1.4	12.1	99.9	330
31.9	86.3	9421.2	300.0	-41.0	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
33.7	90.3	9970.1	275.0	-45.6	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
35.3	94.3	10519.3	250.0	-50.4	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
37.9	98.6	11070.8	225.0	-55.3	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
41.2	104.9	12040.8	199.0	-59.9	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
44.3	110.2	12507.5	174.0	-64.9	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
47.2	115.7	13061.2	149.0	-69.9	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
50.3	120.7	13591.9	124.0	-74.9	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
53.3	125.9	14094.9	99.0	-79.9	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
56.6	131.7	14594.3	74.0	-84.9	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
60.0	137.7	15104.3	49.0	-89.9	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
63.9	143.7	15624.3	24.0	-94.9	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
67.9	149.7	16144.3	0.0	-99.9	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330
71.9	155.7	16664.3	0.0	-104.9	-17.4	281.5	1.3	30.6	7.2	312.3	312.3	1.4	12.1	99.9	330

AV SPOD WINDS ELEVATION ANGLE BETWEEN A AND 10 DEG
AV SPOD WINDS TEMPERATURE IN TIME HAVE BEEN INTERPOLATED
AV SPOD WINDS ELEVATION ANGLE LESS THAN 0 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 229
 CENTREVILLE, ALABAMA

 10 APRIL 1979
 2001 GMT

TIME MIN	CNTCT	HEIGHT GPM	BRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTG G/KG	SW PC	RANGE KM	AZ DS
000	501	1430.0	997.0	20.2	7.7	160.0	4.1	-1.4	3.9	293.7	311.5	5.6	40.0	20.2	20
002	990	990.0	1710.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
004	991	311.7	975.0	18.1	7.5	185.8	5.3	0.2	2.3	293.4	311.3	6.7	50.0	0.1	350
006	1304	593.1	953.0	15.8	5.9	139.0	1.9	-2.0	2.9	293.3	310.9	6.6	40.3	0.3	340
008	120	779.3	924.0	14.3	5.2	114.2	5.0	-4.6	2.1	293.9	311.0	6.5	40.3	0.3	320
010	130	1011.3	900.0	14.5	12.9	167.3	4.9	-1.1	4.0	296.5	324.2	10.5	50.0	0.7	320
012	1705	1249.6	975.0	12.9	12.0	201.9	7.0	2.6	5.5	297.0	324.0	12.1	90.0	1.3	330
014	1902	1423.2	952.0	11.3	13.6	217.7	5.1	4.6	7.4	297.0	323.4	7.5	90.0	1.3	350
016	2201	1743.2	825.0	10.4	9.9	226.9	5.6	4.4	9.6	297.0	323.3	7.4	20.3	1.7	40
018	2404	1939.7	907.0	8.9	2.2	224.3	11.5	6.2	9.5	297.0	323.3	5.7	62.0	2.7	90
020	2702	2253.7	775.0	5.9	5.4	230.5	11.5	9.9	8.2	294.4	319.0	5.1	51.7	2.5	120
022	3009	2530.3	750.0	6.0	-1.3	236.3	15.6	10.6	7.0	307.0	320.6	4.6	40.4	3.6	200
024	3204	2417.1	725.0	6.0	-3.1	240.3	13.0	11.3	6.5	308.2	320.6	4.2	40.4	4.3	330
026	3500	3105.6	710.0	5.9	-2.6	234.2	15.9	11.3	9.1	308.9	322.1	4.5	50.4	5.1	350
028	3707	3432.4	475.0	3.9	-3.7	237.2	14.5	11.4	9.7	309.6	322.2	4.3	50.0	6.0	370
030	4004	3707.5	550.0	0.9	-4.7	234.9	16.7	13.7	9.6	309.9	322.2	4.2	50.5	7.1	410
032	4302	4216.9	625.0	-1.2	-7.5	238.6	16.6	14.2	9.6	311.1	321.5	3.5	62.4	8.3	430
034	4600	4345.9	903.0	-4.1	-17.9	238.6	16.3	12.2	7.4	311.4	319.8	2.9	52.3	9.4	450
036	4900	4560.3	575.0	-6.2	-13.4	238.0	15.5	13.1	6.2	312.7	320.0	2.4	50.7	10.4	470
038	5100	4026.4	550.0	-8.0	-23.6	244.4	15.7	14.2	6.9	313.9	316.5	2.9	50.7	11.6	490
040	5300	5135.1	525.0	-11.2	-37.0	251.4	14.3	13.5	4.5	315.0	315.1	2.0	10.0	12.4	520
042	5500	5757.4	510.0	-13.9	-59.7	256.8	14.5	13.2	3.1	319.1	316.2	0.8	10.0	13.2	520
044	6100	5166.7	475.0	-16.9	-63.7	255.6	14.2	18.6	4.8	317.0	317.1	0.0	10.0	13.2	520
046	6400	5544.3	450.0	-20.1	-49.0	251.2	21.9	21.6	3.3	319.0	319.4	3.1	40.2	13.9	570
048	6700	5969.9	425.0	-22.4	-46.2	241.8	25.5	25.2	3.7	320.3	320.4	3.0	10.0	14.9	620
050	7100	7413.6	400.0	-24.6	-64.9	259.1	31.4	32.8	6.3	323.0	323.7	3.2	13.4	21.5	520
052	7400	5917.9	375.0	-27.8	-64.0	258.9	35.6	34.9	6.9	324.0	325.4	3.2	17.7	24.9	650
054	7704	4372.3	350.0	-31.3	-74.7	257.3	37.1	38.1	8.4	326.5	326.2	0.5	52.2	28.4	450
056	8204	4438.2	325.0	-35.7	-78.9	255.0	40.8	44.3	11.0	328.4	328.9	3.4	40.4	31.3	520
058	8500	9465.3	300.0	-38.4	-79.9	255.0	40.0	44.7	11.0	329.6	329.9	9.0	90.0	35.0	520
060	9000	10335.3	275.0	-40.2	-99.9	255.0	40.1	47.1	10.0	329.6	329.9	99.9	90.0	40.7	720
062	9300	13665.8	250.0	-45.6	-99.9	240.9	53.1	54.4	8.9	332.3	333.9	93.9	90.0	52.5	710
064	1000	11342.0	225.0	-52.2	-99.9	261.7	51.9	51.3	7.5	333.5	333.9	99.9	90.0	60.0	710
066	1050	12107.3	200.0	-54.5	-99.9	265.4	50.4	55.2	4.4	333.3	333.9	99.9	90.0	63.2	740
068	11204	12447.9	174.0	-56.1	-99.9	267.9	50.4	57.5	2.1	333.3	333.9	99.9	90.0	70.1	740
070	11500	13311.4	140.0	-56.9	-99.9	266.4	50.0	53.9	3.4	333.1	333.9	99.9	90.0	83.5	770
072	12204	15031.7	125.0	-56.5	-99.9	267.9	50.1	54.1	2.9	333.6	333.9	99.9	90.0	103.5	730
074	1300	15345.1	100.0	-56.7	-99.9	267.4	31.9	38.0	1.4	402.6	402.9	99.9	90.0	114.5	730
076	1390	14143.7	75.0	-55.3	-99.9	214.6	21.9	18.6	-21.1	426.1	426.1	99.9	90.0	124.2	790
078	1400	22425.0	50.0	-55.4	-99.9	323.1	21.7	13.0	-17.4	501.2	501.2	99.9	90.0	131.5	810
080	1550	25055.9	25.0	-56.3	-99.9	205.5	1.24	1.0	2.0	631.7	631.7	99.9	90.0	145.2	910

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMPERATURE MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SDOZ MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTREVILLE, ALABAMA

11 APRIL 1979
015 GMT

TIME MIL	CUTCT	HEIGHT GOW	PHYS MB	TEMP DE C	DEW PT DE C	DIR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PGT Y DG K	E POT Y DG K	MX WTD GM/KG	RM PCT	RANGE KM	AZ DEG
3.3	9.4	143.0	934.0	7.8	3.8	120.0	3.6	-3.1	1.9	281.3	294.3	5.1	74.9	2.3	7.0
32.3	98.0	92.2	1027.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.7	36.5	321.6	975.0	16.8	13.0	147.6	12.0	-6.4	10.1	242.1	317.4	9.7	74.1	0.3	31.9
1.5	136.8	543.6	975.0	17.4	13.0	166.1	16.0	-3.8	15.5	294.8	326.3	12.1	90.9	0.9	33.1
2.4	136.2	772.2	925.0	17.0	13.8	175.2	18.5	-1.6	18.5	296.7	329.1	12.4	93.2	1.9	34.3
3.2	136.5	1004.2	909.0	15.9	13.8	176.4	18.5	-1.2	18.5	297.8	329.7	11.7	92.3	2.9	34.7
4.2	136.0	1245.3	875.0	13.5	12.6	179.9	18.4	-0.1	18.4	298.3	329.4	10.4	91.7	3.9	35.0
5.1	236.1	1403.0	932.0	12.6	11.4	181.7	20.0	0.4	20.0	299.4	329.4	10.1	92.3	4.9	35.2
6.1	224.7	1740.4	925.0	11.1	9.6	185.5	19.8	1.9	19.7	300.4	329.2	9.2	92.5	6.0	35.5
7.1	226.2	1907.5	909.0	17.4	4.0	186.9	21.7	1.8	21.6	301.4	329.2	8.5	93.5	7.2	35.7
8.3	276.7	2261.7	775.0	6.8	-7.3	179.8	22.3	-0.1	22.3	306.4	311.7	2.5	25.1	8.5	35.9
9.3	336.1	2333.5	757.0	6.4	-22.6	177.2	19.5	-0.6	19.5	306.6	309.5	0.9	4.4	9.9	36.0
10.3	336.0	2611.7	725.0	4.1	-18.6	179.4	18.6	-0.2	18.6	309.3	312.8	1.4	15.5	10.9	36.0
11.3	336.4	3102.2	757.0	6.2	-18.0	181.1	17.2	3.3	16.9	309.3	315.0	1.9	21.9	11.9	36.0
12.1	336.2	3374.9	675.0	4.1	-18.5	203.7	18.7	7.4	17.2	310.2	315.9	1.8	24.4	13.9	36.0
13.1	41.3	3704.2	550.0	1.8	-18.1	212.4	14.6	10.5	16.5	311.0	317.1	2.0	28.4	14.2	36.0
14.3	43.6	4019.1	635.0	-0.4	-18.3	218.9	21.9	13.7	17.0	312.1	318.7	1.5	28.4	15.5	36.0
15.3	43.6	4344.1	635.0	-3.2	-21.4	221.2	23.5	15.5	17.7	312.4	318.2	1.2	28.4	16.9	36.0
16.3	43.6	4674.3	575.0	-5.9	-18.5	226.5	23.1	16.2	16.5	313.2	317.9	1.5	34.2	18.4	36.0
17.3	526.5	5029.6	550.0	-7.4	-18.7	236.2	24.2	26.1	13.5	315.1	324.5	3.1	79.3	19.9	36.0
18.3	536.4	5347.0	535.0	-10.5	-15.1	244.2	26.1	28.5	11.4	315.8	324.4	2.1	43.1	21.1	36.0
19.3	536.4	5741.2	535.0	-12.8	-17.6	242.2	32.4	28.7	15.1	317.5	323.6	1.9	67.1	22.9	36.0
20.3	615.9	6157.4	475.0	-15.7	-21.0	248.0	33.4	30.3	16.2	319.6	323.4	1.5	83.4	24.3	36.0
21.3	536.1	6553.0	430.0	-17.9	-24.0	248.0	36.3	32.4	16.4	319.6	323.4	1.1	95.3	27.5	36.0
22.3	536.4	6974.3	425.0	-22.4	-32.0	248.0	34.4	31.4	13.9	323.2	322.4	5.4	42.7	30.3	36.0
23.3	726.7	7421.1	435.0	-27.2	-34.0	231.4	31.5	28.9	10.0	322.7	322.4	0.7	1.0	33.1	36.0
24.3	736.4	7847.9	375.0	-27.9	-37.4	235.5	28.5	27.3	8.1	324.6	324.9	0.0	1.6	34.4	36.0
25.3	736.4	8347.2	335.0	-31.6	-47.2	235.5	27.3	28.7	6.2	324.2	324.3	0.0	1.5	37.9	36.0
26.3	436.2	8893.0	335.0	-35.4	-47.2	234.7	29.3	28.7	7.7	327.3	323.4	0.0	1.2	42.5	36.0
27.3	436.2	9441.6	335.0	-42.3	-47.2	234.3	30.3	28.6	8.0	328.5	323.4	0.0	92.0	43.4	36.0
28.3	336.4	10034.5	275.0	-46.4	-46.4	235.1	31.5	30.4	5.1	330.4	323.4	0.0	92.0	47.2	36.0
29.3	966.7	10774.2	253.0	-46.4	-50.9	232.7	40.5	38.6	12.0	332.4	323.4	0.0	92.0	51.5	36.0
30.3	1236.1	11534.1	225.0	-46.4	-50.9	235.5	42.5	45.1	11.7	335.7	323.4	0.0	92.0	56.2	36.0
31.3	1336.5	12101.3	200.0	-46.2	-50.9	235.7	56.3	54.5	13.9	340.6	323.4	0.0	92.0	61.7	36.0
32.3	1136.3	12331.3	175.0	-42.4	-46.4	235.7	63.5	51.4	13.8	346.2	323.4	0.0	92.0	67.2	36.0
33.3	1136.3	13476.0	150.0	-42.4	-46.4	235.7	57.5	48.8	9.5	346.2	323.4	0.0	92.0	74.2	36.0
34.3	1236.9	14062.1	125.0	-47.4	-46.4	235.7	58.3	55.9	15.7	373.0	323.4	0.0	92.0	84.2	36.0
35.3	1336.3	15114.4	100.0	-46.4	-46.4	235.7	53.3	48.7	14.4	394.5	323.4	0.0	92.0	102.6	36.0
36.3	1336.3	15974.6	75.0	-46.4	-46.4	235.7	50.3	48.7	14.4	394.5	323.4	0.0	92.0	119.2	36.0
37.3	1436.3	17045.0	50.0	-46.4	-46.4	235.7	50.3	48.7	14.4	394.5	323.4	0.0	92.0	128.7	36.0
38.3	1536.3	18045.0	25.0	-46.4	-46.4	235.7	50.3	48.7	14.4	394.5	323.4	0.0	92.0	131.7	36.0
39.3	1536.3	20067.4	25.0	-46.4	-46.4	235.7	50.3	48.7	14.4	394.5	323.4	0.0	92.0	143.2	36.0

031000Z APR 79
FM 229
TO 229
INFO 229
SUBJ: 015 GMT
MSGNO: 1
PRIORITY: 1
CLASS: 1
END

APRIL 1970
1100 GMT

TIME	UTCT	HEIGHT	PPTS	TEMP	DBT	DIR	SPED	U COMP	V COMP	POY	E POY	MR RTO	BN	DATE	20. 3
MIN		CM	NO	CG C	DB C	DE	M/SIC	M/SEC	M/SEC	DC K	DC K	CM/KG	PCY	K4	DC
00.0	00.1	1000.7	18.6	19.3	130.0	2.9	-2.2	1.9	201.0	320.0	13.2	94.0	30.2	0.1	32.5
00.1	00.2	1000.3	20.5	19.1	161.6	5.4	-1.7	5.1	203.6	331.7	14.0	79.4	0.1	0.1	32.5
00.2	00.3	1000.0	19.0	18.1	165.3	5.8	-1.5	5.1	205.2	332.7	14.5	94.2	0.1	0.1	32.5
00.3	00.4	1000.2	18.9	17.9	160.2	5.7	-1.1	9.6	206.4	332.2	13.7	94.5	0.1	0.1	32.5
00.4	00.5	1000.2	19.1	17.6	160.7	6.2	0.7	9.1	207.8	332.1	13.0	94.9	1.3	34.5	35.5
00.5	00.6	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
00.6	00.7	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
00.7	00.8	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
00.8	00.9	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
00.9	01.0	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
01.0	01.1	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
01.1	01.2	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
01.2	01.3	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
01.3	01.4	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
01.4	01.5	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
01.5	01.6	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
01.6	01.7	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
01.7	01.8	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
01.8	01.9	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
01.9	02.0	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
02.0	02.1	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
02.1	02.2	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
02.2	02.3	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
02.3	02.4	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
02.4	02.5	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
02.5	02.6	1000.0	19.2	-0.8	237.8	9.2	3.7	0.4	301.3	313.2	4.2	2.2	1.3	35.5	35.5
02.6	02.7														

0 50 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000 10500 11000 11500 12000 12500 13000 13500 14000 14500 15000 15500 16000 16500 17000 17500 18000 18500 19000 19500 20000 20500 21000 21500 22000 22500 23000 23500 24000 24500 25000 25500 26000 26500 27000 27500 28000 28500 29000 29500 30000 30500 31000 31500 32000 32500 33000 33500 34000 34500 35000 35500 36000 36500 37000 37500 38000 38500 39000 39500 40000 40500 41000 41500 42000 42500 43000 43500 44000 44500 45000 45500 46000 46500 47000 47500 48000 48500 49000 49500 50000 50500 51000 51500 52000 52500 53000 53500 54000 54500 55000 55500 56000 56500 57000 57500 58000 58500 59000 59500 60000 60500 61000 61500 62000 62500 63000 63500 64000 64500 65000 65500 66000 66500 67000 67500 68000 68500 69000 69500 70000 70500 71000 71500 72000 72500 73000 73500 74000 74500 75000 75500 76000 76500 77000 77500 78000 78500 79000 79500 80000 80500 81000 81500 82000 82500 83000 83500 84000 84500 85000 85500 86000 86500 87000 87500 88000 88500 89000 89500 90000 90500 91000 91500 92000 92500 93000 93500 94000 94500 95000 95500 96000 96500 97000 97500 98000 98500 99000 99500 100000

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 232
MOOTVILLE, LOUISIANA10 APRIL 1979
1700 GMT

TIME MIL	CNTCT	HEIGHT GPM	REFS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U CLIP M/S C	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX QTO G/M/SEC	RM PCT	RANGE KM	AZ DEG
0.0	4.0	1.0	1011.5	24.7	22.4	130.0	6.2	-4.7	4.0	286.9	341.4	17.1	37.0	30.3	7.
0.4	5.0	101.5	1002.0	23.3	20.9	141.3	10.3	-6.4	9.0	296.4	337.4	15.0	86.5	30.3	311.
1.2	6.0	322.5	975.0	21.1	21.0	154.3	12.0	-5.2	10.8	296.4	336.2	15.1	93.4	0.7	320.
1.9	7.1	546.1	953.0	20.6	17.0	168.3	12.7	-2.6	12.5	298.1	336.3	13.0	80.2	1.3	330.
2.7	11.0	775.4	925.0	18.7	17.2	178.7	11.7	0.3	13.7	298.5	336.2	13.5	91.0	1.9	337.
3.5	13.7	1015.0	900.0	17.0	14.4	162.0	13.1	0.4	13.1	299.1	329.9	11.4	94.5	2.4	344.
4.4	15.4	1254.9	975.0	16.5	9.6	175.4	11.2	-1.1	13.1	300.5	328.5	8.7	63.4	3.1	348.
5.3	17.4	1571.0	943.0	14.9	5.3	177.6	12.8	-0.5	12.9	301.8	325.1	6.4	52.5	3.8	348.
6.1	20.0	1753.5	825.0	14.9	3.7	189.4	11.8	1.9	11.7	303.9	321.1	6.1	43.3	4.4	351.
7.1	22.2	2013.0	800.0	12.9	-1.4	193.3	9.8	2.3	9.5	325.0	317.4	4.3	36.9	5.3	352.
8.1	24.4	2279.3	775.0	11.7	-4.7	200.5	11.9	4.2	11.2	306.4	317.0	3.4	32.7	5.5	355.
9.0	26.9	2553.0	750.0	12.0	-22.0	206.7	12.3	5.5	11.0	307.6	312.7	0.9	7.5	6.2	357.
10.3	27.5	2935.2	725.0	9.6	-22.7	204.4	11.5	4.7	10.4	309.9	312.7	0.4	7.5	7.0	3.
11.5	32.1	3124.4	700.0	7.6	-24.1	209.9	10.1	5.0	8.7	310.9	313.5	0.4	8.3	7.9	5.
12.5	43.4	3423.2	675.0	6.0	-25.5	225.5	9.0	6.4	6.3	312.4	318.7	1.0	11.1	8.7	9.
13.5	37.3	3731.3	650.0	5.7	-22.3	224.6	6.2	6.5	6.5	315.0	320.0	1.2	16.0	9.3	11.
14.7	43.1	4050.9	625.0	3.1	-20.2	217.2	10.3	7.1	9.3	316.3	320.3	1.3	12.6	10.0	14.
15.3	42.4	4379.7	600.0	5.1	-23.4	217.2	11.7	7.0	10.3	316.3	321.6	1.7	31.9	10.9	15.
17.1	45.8	4718.7	575.0	-5.2	-17.5	214.3	12.5	7.0	12.3	316.3	321.6	1.7	39.7	11.5	16.
18.1	43.4	5063.2	550.0	-6.7	-19.1	206.9	11.0	5.9	11.6	316.2	321.5	1.0	54.7	12.5	17.
19.3	51.4	5435.5	525.0	-10.0	-17.3	203.3	11.8	6.2	14.5	316.2	322.4	1.0	8.3	7.9	5.
20.4	54.0	5833.7	500.0	-13.1	-15.6	211.6	21.1	11.0	17.9	317.1	328.2	2.3	81.3	13.9	18.
21.3	54.4	6105.0	475.0	-13.6	-14.0	210.6	21.4	17.4	17.9	317.1	328.2	2.7	97.4	15.2	20.
22.3	61.6	6504.8	450.0	-16.3	-17.7	220.1	21.7	19.4	15.9	322.8	328.6	2.1	99.0	17.1	23.
23.3	55.1	7033.2	425.0	-15.0	-22.2	236.2	22.9	22.3	15.0	324.6	328.6	1.5	75.3	19.1	26.
25.7	59.7	7491.9	400.0	-22.6	-26.6	242.7	21.0	23.1	11.9	325.6	328.3	1.1	69.4	21.1	30.
27.2	72.3	7932.4	375.0	-24.0	-30.7	244.3	21.3	22.4	10.9	327.2	330.2	0.9	64.3	23.0	33.
29.4	70.5	9449.0	350.0	-30.1	-34.5	248.7	21.0	25.2	9.9	328.2	330.2	0.4	45.1	24.9	35.
31.4	80.7	9971.9	325.0	-37.7	-39.9	260.4	34.3	33.9	4.7	331.3	331.8	0.4	59.1	27.3	40.
33.3	55.1	9523.8	303.0	-37.7	-43.6	259.8	44.2	47.1	7.8	332.2	331.8	0.3	3.6	32.1	44.
35.3	94.7	10122.0	275.0	-42.5	-43.9	255.0	41.7	49.1	12.6	333.6	333.6	99.9	99.9	34.7	49.
37.3	94.7	10757.9	250.0	-45.6	-49.9	252.3	51.5	49.1	15.6	333.4	333.4	99.9	99.9	40.5	53.
39.2	105.3	12205.0	225.0	-52.6	-59.9	255.9	54.7	53.0	13.3	337.9	337.9	99.9	99.9	47.3	54.
41.3	111.3	13042.0	175.0	-46.6	-59.9	259.3	61.1	64.9	12.2	346.9	338.9	99.9	99.9	55.3	59.
43.3	113.3	14336.9	150.0	-61.9	-69.9	262.2	61.8	62.2	8.5	350.9	338.9	99.9	99.9	66.3	63.
45.3	125.9	15113.2	125.0	-67.3	-69.9	267.3	51.9	51.1	9.0	353.5	338.9	99.9	99.9	75.5	65.
47.3	134.7	16455.5	100.0	-65.4	-69.9	260.2	47.1	47.1	2.3	373.1	338.9	99.9	99.9	86.9	67.
49.1	142.0	18162.0	75.0	-72.2	-69.9	261.6	12.4	28.3	4.9	392.8	338.9	99.9	99.9	94.4	69.
51.1	152.3	20533.2	50.0	-52.0	-69.9	255.3	7.3	7.0	1.9	407.5	338.9	99.9	99.9	103.3	73.
53.1	153.2	23076.9	25.0	-47.0	-69.9	250.0	5.7	2.5	0.9	440.6	338.9	99.9	99.9	109.3	76.

1. BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 2. BY SPEED MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 3. BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA10 APRIL 1979
2300 GMT

TIME MIN	CNTCT	WIND GPH	PRCS NO	TEMP DEG C	DW BT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	POT Y DEG K	MR WTC CM/KG	RM PCT	167	13. 0	RANGE KM	AZ DEG
000	402	100	1003.0	22.9	20.1	130.0	5.1	-3.9	3.3	295.2	333.0	10.9	95.0	167	13. 0	0.3	20
003	500	70.3	1020.0	21.6	20.2	140.7	14.2	-9.0	11.0	294.7	333.0	10.1	92.1	167	13. 0	0.3	206
006	703	203.1	0970.7	21.6	20.6	107.8	12.3	-6.4	10.2	297.1	333.0	10.9	93.0	167	13. 0	0.3	214
009	904	525.3	0930.7	20.6	19.4	100.4	13.0	-8.4	12.3	299.1	337.0	10.2	93.1	167	13. 0	0.3	224
012	1105	755.2	0925.0	19.2	17.8	105.4	15.9	-3.7	15.4	298.9	335.1	10.1	92.9	167	13. 0	0.3	231
015	1305	901.9	0900.0	17.3	15.2	105.3	16.2	-3.3	15.8	296.4	333.0	10.0	92.5	167	13. 0	0.3	236
018	1501	1232.5	0850.0	14.2	12.5	172.2	14.9	-2.0	14.7	300.7	328.9	10.5	90.5	167	13. 0	0.3	239
021	1704	1379.3	0830.0	15.2	9.2	173.6	15.3	-1.7	15.3	302.0	321.0	7.1	95.2	167	13. 0	0.3	241
024	1901	1311.7	0820.0	14.7	9.9	178.1	14.7	-1.5	14.6	303.7	323.4	7.1	97.3	167	13. 0	0.3	244
027	2104	1271.2	0800.0	13.1	8.7	175.2	9.5	-0.8	9.5	305.1	324.1	6.7	96.9	167	13. 0	0.3	245
030	2300	1227.9	0750.0	12.5	-10.0	179.6	8.4	-0.1	9.4	307.3	312.4	1.7	140.3	167	13. 0	0.3	246
033	2507	1231.4	0730.0	10.0	-13.6	187.5	9.6	1.3	9.5	307.4	313.0	1.9	17.5	167	13. 0	0.3	247
036	2703	1211.7	0720.0	7.9	-32.4	171.8	11.2	2.3	11.9	309.1	309.7	0.4	1.9	167	13. 0	0.3	248
039	2901	1003.4	0700.0	6.0	-45.6	198.3	11.8	3.7	11.2	309.2	309.5	0.4	1.1	167	13. 0	0.3	249
042	3104	1303.1	0650.0	4.6	-31.4	208.5	13.8	5.7	12.6	310.9	312.2	0.4	5.3	167	13. 0	0.3	250
045	3307	1355.1	0630.0	3.9	-47.6	209.8	16.6	8.0	14.6	313.2	313.5	0.1	1.0	167	13. 0	0.3	251
048	3504	1322.3	0620.0	2.7	-43.3	215.0	20.2	11.6	16.6	315.6	315.9	0.1	1.0	167	13. 0	0.3	252
051	3701	1409.4	0600.0	1.3	-49.2	219.9	23.7	15.2	19.2	317.6	317.9	0.1	1.0	167	13. 0	0.3	253
054	3904	1447.4	0550.0	-1.5	-45.5	225.9	24.1	16.4	17.6	314.2	319.5	0.1	1.7	167	13. 0	0.3	254
057	4101	1462.1	0530.0	-4.3	-10.5	225.1	24.3	17.2	17.2	319.0	329.7	3.1	62.5	167	13. 0	0.3	255
060	4304	1455.2	0500.0	-7.2	-12.0	223.6	25.8	17.4	14.7	319.6	327.7	2.7	73.4	167	13. 0	0.3	256
063	4501	1413.3	0450.0	-11.3	-14.5	221.8	26.2	17.5	19.4	319.2	327.1	2.5	77.7	167	13. 0	0.3	257
066	4704	1415.5	0430.0	-14.1	-14.2	224.9	26.0	17.4	17.7	320.5	329.0	2.7	100.4	167	13. 0	0.3	258
069	4901	1453.0	0400.0	-17.8	-14.6	226.4	26.0	17.4	18.5	320.9	327.2	2.7	73.3	167	13. 0	0.3	259
072	5104	1403.4	0350.0	-20.4	-23.8	230.4	26.9	22.3	17.5	322.9	327.2	2.7	74.4	167	13. 0	0.3	260
075	5307	1455.2	0300.0	-23.2	-24.3	237.1	31.1	26.1	16.9	324.9	329.0	1.2	92.2	167	13. 0	0.3	261
078	5504	1424.3	0250.0	-27.3	-30.4	243.9	31.0	27.8	13.4	325.8	329.6	0.8	72.5	167	13. 0	0.3	262
081	5701	1413.3	0230.0	-33.6	-34.4	250.3	30.9	29.1	12.4	327.5	329.6	0.6	69.1	167	13. 0	0.3	263
084	5904	1420.2	0200.0	-36.1	-39.2	254.1	36.4	35.0	10.0	329.6	331.1	0.4	53.1	167	13. 0	0.3	264
087	6101	1405.3	0150.0	-38.0	-42.1	253.0	45.7	43.7	13.4	331.9	333.0	0.3	53.1	167	13. 0	0.3	265
090	6304	1303.2	0100.0	-42.7	-40.9	249.0	50.7	47.4	15.2	331.4	339.9	0.3	93.9	167	13. 0	0.3	266
093	6507	1325.9	0050.0	-48.4	-40.9	253.7	50.4	47.4	14.1	334.2	339.9	0.3	93.9	167	13. 0	0.3	267
096	6704	1141.0	0000.0	-54.0	-40.9	256.9	57.0	54.0	14.5	335.8	339.9	0.3	93.9	167	13. 0	0.3	268
099	6901	1215.4	0000.0	-54.0	-40.9	256.9	67.0	64.1	15.7	346.3	339.9	0.3	93.9	167	13. 0	0.3	269
102	7104	1337.7	0000.0	-54.0	-40.9	256.9	67.0	64.1	11.4	351.7	339.9	0.3	93.9	167	13. 0	0.3	270
105	7307	1304.9	0000.0	-54.0	-40.9	257.2	53.6	52.2	11.9	352.5	339.9	0.3	93.9	167	13. 0	0.3	271
108	7504	1575.7	0000.0	-54.0	-40.9	256.0	48.8	48.4	5.9	369.7	339.9	0.3	93.9	167	13. 0	0.3	272
111	7701	1603.2	0000.0	-54.0	-40.9	256.1	31.0	30.6	8.7	392.5	339.9	0.3	93.9	167	13. 0	0.3	273
114	7904	1411.0	0000.0	-54.0	-40.9	256.1	17.0	15.1	7.7	419.4	339.9	0.3	93.9	167	13. 0	0.3	274
117	8107	1403.3	0000.0	-54.0	-40.9	256.9	10.6	10.2	-2.0	494.3	339.9	0.3	93.9	167	13. 0	0.3	275
120	8304	2065.4	0000.0	-54.0	-40.9	256.9	99.9	99.9	99.9	650.2	339.9	0.3	93.9	167	13. 0	0.3	276

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 BY TEMP MEANS TEMPERATURE 70 TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
 * POOR QUALITY

STATION NO. 232
 BOOTHVILLE, LOUISIANA

 11 APRIL 1979
 00Z GMT

TIME MID	CNCT	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	WIND M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	POT Y DEG K	E POT T DEG K	MR Q10 G4/R6	QW DEG	PAUSE K4	15. 0
3.3	4.3	1.0	1000.7	21.1	19.6	130.0	4.6	-3.5	3.0	293.4	293.4	330.4	14.4	91.0	0.3	0.
3.2	5.3	95.0	1000.0	21.4	20.3	99.9	99.9	99.9	99.9	294.7	294.7	334.0	15.2	92.6	99.9	99.9
1.1	5.0	305.9	999.7	21.0	20.7	999.9	999.9	99.9	99.9	297.1	297.1	336.7	16.0	93.4	999.9	99.9
1.9	9.0	531.4	999.3	19.4	19.6	999.9	999.9	99.9	99.9	297.1	297.1	336.6	14.3	93.9	999.9	99.9
2.5	10.3	791.7	999.0	18.6	17.5	150.7	20.4	-13.0	17.6	298.3	298.3	336.8	13.9	93.5	3.0	321.0
3.3	13.1	937.3	999.0	15.9	12.2	159.5	18.1	-6.3	16.9	300.6	300.6	327.5	10.0	94.7	3.9	324.0
4.1	13.2	1218.1	999.0	17.2	7.4	164.6	17.8	-4.7	17.2	301.7	301.7	328.0	8.5	94.8	4.5	327.0
5.3	17.3	1496.7	999.0	15.4	9.9	164.0	18.2	-5.0	17.5	302.2	302.2	328.9	99.9	97.0	5.5	331.0
5.3	17.4	1734.2	999.0	13.1	19.3	159.3	17.3	-5.0	16.3	302.4	302.4	329.7	9.6	97.1	5.6	332.0
5.9	21.7	1996.7	999.0	11.0	9.0	161.1	15.2	-4.9	16.4	302.9	302.9	329.1	9.5	97.6	7.4	333.0
7.7	24.1	2241.4	775.0	9.7	2.1	158.9	18.0	-3.5	17.7	304.2	304.2	328.9	5.9	97.9	9.2	334.0
3.9	28.2	2534.6	753.0	11.4	-45.9	175.9	20.0	-1.1	20.0	309.0	309.0	328.4	0.1	1.0	9.2	334.0
3.3	43.7	2417.9	725.4	12.7	-43.4	185.1	19.0	2.7	19.9	313.0	313.0	313.4	0.1	1.0	10.1	339.0
1.0	41.2	3110.4	720.2	17.5	-43.4	184.5	20.7	5.2	20.0	314.2	314.2	314.7	0.1	1.0	11.0	342.0
1.2	33.9	3411.6	675.0	8.6	-44.7	201.4	20.7	7.6	19.3	315.3	315.3	315.6	0.1	1.0	11.9	345.0
1.4	35.7	3722.2	650.0	6.7	-44.8	208.2	19.5	9.2	17.2	316.4	316.4	317.0	0.1	1.0	13.2	349.0
1.5	39.3	4042.7	635.0	4.7	-13.9	212.7	20.4	11.0	17.1	317.6	317.6	325.1	2.3	27.3	14.0	352.0
1.5	41.4	4375.3	600.0	2.2	-21.1	216.9	23.1	13.9	16.9	319.7	319.7	326.8	1.6	21.9	15.0	355.0
1.5	44.1	4711.6	575.0	-1.3	-17.5	218.9	25.8	16.2	20.1	319.9	319.9	326.3	2.4	37.9	16.3	359.0
1.5	47.3	5044.4	550.0	-3.9	-15.7	223.2	26.4	18.1	17.3	319.4	319.4	326.2	1.5	28.2	17.4	360.0
1.9	52.2	5373.1	525.0	-7.9	-15.9	227.3	27.2	20.0	18.5	319.1	319.1	326.3	1.9	47.9	17.1	360.0
1.1	53.1	5911.7	500.0	-11.5	-17.9	232.0	26.9	21.2	16.6	320.2	320.2	326.2	1.9	54.3	22.6	360.0
2.4	55.1	6203.2	475.0	-14.0	-17.3	234.6	26.7	21.4	15.5	320.6	320.6	326.7	1.7	43.9	22.0	360.0
2.7	57.5	6512.2	450.0	-16.4	-20.3	230.9	27.4	21.2	17.3	322.1	322.1	326.4	1.6	71.1	23.9	360.0
2.8	59.3	6834.3	425.0	-20.1	-22.7	232.8	26.7	21.3	16.2	323.2	323.2	326.9	1.4	75.5	24.7	360.0
2.5	59.4	7156.0	400.0	-23.1	-25.9	239.5	25.9	22.3	13.1	325.0	325.0	326.0	1.1	75.9	27.7	360.0
2.8	73.1	7484.1	375.0	-27.1	-32.7	246.0	27.9	25.5	11.3	325.6	325.6	326.0	0.6	56.4	28.6	360.0
2.9	74.3	7806.6	350.0	-31.0	-34.9	249.1	33.2	31.0	11.9	327.1	327.1	326.7	0.5	55.5	32.0	360.0
3.7	74.0	8129.9	325.0	-34.7	-41.1	257.6	37.5	36.6	9.1	329.4	329.4	326.5	0.3	42.9	34.9	360.0
3.5	82.2	8455.5	300.0	-38.7	-45.1	256.3	41.3	40.1	9.8	330.9	330.9	326.7	0.2	51.3	36.9	360.0
3.3	86.4	10117.2	275.0	-41.4	-48.9	253.1	46.1	44.1	13.4	332.3	332.3	326.9	0.9	90.9	41.9	360.0
3.1	91.4	11757.5	250.0	-44.4	-51.4	251.2	47.0	44.1	15.4	332.7	332.7	326.9	0.9	93.9	45.5	360.0
3.4	94.5	11433.7	225.0	-47.3	-54.9	255.2	53.5	51.7	13.7	334.9	334.9	326.9	0.9	99.9	52.7	360.0
3.3	102.0	12187.1	200.0	-50.7	-57.9	255.1	63.4	61.7	15.3	344.6	344.6	326.9	0.9	99.9	63.3	360.0
4.3	114.3	13274.1	175.0	-42.4	-52.4	254.4	63.9	60.7	16.5	350.2	350.2	326.9	0.9	99.9	74.2	360.0
4.4	115.1	13944.4	150.0	-47.4	-52.4	249.3	49.2	46.0	17.4	350.4	350.4	326.9	0.9	99.9	84.3	360.0
4.7	123.1	14594.2	125.0	-71.5	-58.9	246.2	46.1	44.3	12.5	361.6	361.6	326.9	0.9	99.9	95.3	360.0
5.3	124.3	14403.4	100.0	-72.9	-58.9	246.9	28.7	26.4	11.3	367.0	367.0	326.9	0.9	99.9	105.3	360.0
5.2	124.0	14094.4	75.0	-72.4	-58.9	219.8	16.4	10.5	12.6	421.1	421.1	326.9	0.9	99.9	132.3	360.0
5.1	124.5	20544.6	50.0	-43.0	-58.9	202.4	8.6	3.3	7.9	495.1	495.1	326.9	0.9	99.9	135.3	360.0
7.0	136.0	24940.9	25.0	-49.7	-58.9	200.2	4.6	4.4	0.8	641.9	641.9	326.9	0.9	99.9	136.9	360.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHWILL, LOUISIANA11 APRIL 1979
000 GMT

TIME MIN	ENTY	HEIGHT GWS	PRES MB	TEMP DG C	DPT DG C	DIR DG	SPED M/S/C	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RM PCT	RANGE KM	AZ DG
0.0	4.1	1.0	1113.0	20.6	19.9	120.0	5.7	-6.9	2.9	292.9	310.7	14.7	95.0	7.7	30
0.1	4.0	57.4	1113.0	20.6	19.7	130.6	17.2	-13.1	11.2	293.8	311.5	14.6	94.6	0.5	325
0.2	3.9	57.5	975.0	21.2	20.2	137.0	19.3	-13.1	14.1	296.5	316.9	15.5	94.0	1.1	304
0.3	3.8	53.2	955.0	20.4	19.5	149.4	21.8	-11.1	19.8	299.1	319.7	15.2	93.5	2.0	313
0.4	3.7	53.3	925.0	19.4	17.7	159.1	21.6	-7.7	20.2	299.2	319.1	15.3	93.9	3.1	321
0.5	3.6	103.4	923.0	17.5	15.6	162.9	21.0	-6.2	20.1	299.8	319.2	15.3	92.5	4.2	327
0.6	3.5	124.7	875.0	16.3	12.7	165.2	21.0	-5.4	20.3	300.8	319.4	15.7	92.2	5.3	330
0.7	3.4	144.1	855.0	15.4	9.3	165.9	19.0	-4.7	19.5	302.2	324.6	16.1	92.7	6.4	338
0.8	3.3	174.3	825.0	14.1	5.1	165.4	20.3	-5.1	19.6	303.8	322.3	16.7	94.7	7.5	318
0.9	3.2	200.2	400.0	12.4	2.0	167.9	21.1	-4.4	20.4	304.3	322.0	16.5	94.0	8.6	334
1.0	3.1	224.7	775.0	10.8	-3.6	174.9	18.5	-1.7	15.4	305.4	314.5	16.4	94.4	9.7	334
1.1	3.0	251.3	530.0	9.4	-11.3	180.3	19.2	0.1	19.2	306.5	310.9	16.3	93.2	10.1	339
1.2	2.9	271.8	250.0	7.2	-9.9	185.0	18.3	1.9	19.2	307.4	314.9	16.5	92.2	12.3	341
1.3	2.8	317.0	730.0	5.3	-44.3	191.7	17.4	3.5	17.1	311.7	312.0	16.1	91.0	11.5	343
1.4	2.7	340.4	675.0	2.4	-44.7	200.5	16.8	5.9	15.7	315.1	315.5	16.1	91.0	12.7	345
1.5	2.6	371.4	653.0	4.9	-45.7	204.7	17.5	7.3	15.9	316.8	317.2	16.1	91.0	14.1	346
1.6	2.5	402.5	625.0	3.8	-46.1	206.3	18.1	8.0	16.2	316.9	318.2	16.4	90.9	15.4	346
1.7	2.4	435.6	575.0	1.2	-29.7	216.4	19.7	9.5	16.1	317.5	319.4	16.5	90.9	16.4	346
1.8	2.3	465.9	550.0	-1.7	-19.9	211.8	21.1	11.1	19.7	318.3	322.9	16.5	90.7	17.5	346
1.9	2.2	492.1	525.0	-4.6	-14.2	216.0	22.5	13.2	19.2	318.3	325.6	16.7	90.7	18.4	346
2.0	2.1	517.4	500.0	-7.3	-13.4	218.7	26.2	16.3	20.4	319.7	327.9	16.6	90.7	19.4	346
2.1	2.0	542.1	475.0	-12.4	-14.7	225.2	27.0	19.2	17.0	320.3	328.1	16.5	90.7	20.1	346
2.2	1.9	567.4	450.0	-17.5	-17.7	227.9	26.6	19.7	17.4	321.3	327.7	16.3	90.7	21.7	346
2.3	1.8	592.7	425.0	-15.4	-21.3	232.3	25.4	20.1	15.5	321.7	329.9	16.3	90.7	23.4	346
2.4	1.7	617.0	400.0	-14.4	-25.7	237.0	26.7	21.3	16.0	325.5	329.9	16.3	90.7	25.3	346
2.5	1.6	642.3	375.0	-22.0	-33.4	235.9	24.0	19.0	13.5	326.4	329.1	16.3	90.7	26.9	346
2.6	1.5	667.6	350.0	-26.3	-37.0	238.2	25.1	21.3	13.2	326.9	329.2	16.7	90.7	28.5	346
2.7	1.4	692.9	325.0	-30.4	-37.1	236.1	27.7	26.3	9.4	327.6	333.1	16.7	90.7	30.7	346
2.8	1.3	718.2	300.0	-34.6	-41.0	234.3	34.3	32.6	10.5	328.3	333.9	16.4	90.7	32.5	346
2.9	1.2	743.5	275.0	-38.0	-43.7	231.3	37.3	35.9	10.1	330.5	331.5	16.4	90.7	34.6	346
3.0	1.1	768.8	250.0	-43.7	-49.9	231.3	45.0	42.6	14.4	331.9	331.9	16.4	90.7	37.5	346
3.1	1.0	794.1	225.0	-48.3	-53.7	227.7	52.8	48.0	20.0	334.3	334.3	16.4	90.7	41.2	346
3.2	0.9	819.4	200.0	-51.7	-59.9	231.3	56.8	56.5	15.9	336.3	336.3	16.4	90.7	45.7	346
3.3	0.8	844.7	175.0	-55.3	-66.3	230.3	62.5	59.2	22.0	343.7	339.9	16.4	90.7	50.9	346
3.4	0.7	870.0	150.0	-59.4	-69.9	230.3	60.1	56.6	20.3	351.8	339.9	16.4	90.7	52.3	346
3.5	0.6	895.3	125.0	-62.0	-99.9	248.8	53.5	49.9	19.4	363.3	339.9	16.4	90.7	54.9	346
3.6	0.5	920.6	100.0	-69.2	-99.9	249.9	48.2	45.2	14.5	370.1	339.9	16.4	90.7	56.9	346
3.7	0.4	945.9	75.0	-71.2	-99.9	246.2	29.3	26.8	11.8	390.2	339.9	16.4	90.7	59.9	346
3.8	0.3	971.2	50.0	-75.7	-99.9	236.5	22.3	21.2	5.9	410.1	339.9	16.4	90.7	62.9	346
3.9	0.2	996.5	25.0	-83.4	-99.9	200.5	8.0	2.8	7.5	498.1	339.9	16.4	90.7	65.9	346
4.0	0.1	1021.8	0.0	-91.0	-99.9	99.9	99.9	99.9	99.9	636.5	339.9	16.4	90.7	68.9	346

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMPERATURE MEANS TEMPERATURE OF TIRE HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
 BOOTHVILLE, LOUISIANA

 11 APRIL 1979
 1100 GMT

TIME MIN	CUTCT	WEIGHT GMS	WTS MG	TEMP DEG C	DTW DT DEG C	DTR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	POT Y DEG K	WZ RTO GMS/KG	EM PCT	RANGE KM	AZ DEG
0.0	4.2	1.0	1000.3	21.0	20.2	130.0	10.3	-7.9	6.6	293.0	312.1	15.9	94.0	0.9	0.
1.0	4.7	55.6	1552.5	20.5	19.9	130.1	10.9	-12.6	14.0	293.0	312.1	15.9	94.0	0.9	0.
2.0	5.0	275.7	975.0	21.1	20.6	140.0	24.7	-13.1	14.0	293.0	312.1	15.9	94.0	0.9	0.
3.0	5.3	501.3	951.3	20.3	19.7	150.1	20.8	-6.7	20.9	296.4	331.8	14.8	96.6	0.3	310.
4.0	11.2	732.1	925.0	19.2	18.5	160.4	20.8	-6.7	24.0	297.8	331.8	14.8	96.6	0.3	310.
5.0	13.5	643.2	920.0	18.3	18.5	160.4	20.8	-6.7	27.3	299.0	331.8	14.7	97.9	2.2	320.
6.0	13.8	1229.8	975.0	18.3	18.5	170.7	26.0	-2.9	25.0	300.4	332.7	12.1	98.4	3.5	330.
7.0	15.2	1875.6	852.0	16.4	11.6	175.1	24.1	-2.1	24.0	301.9	328.9	9.9	91.7	5.0	330.
8.0	23.6	1711.6	825.0	16.4	11.6	175.1	24.1	-2.1	21.2	303.3	331.5	10.3	96.9	5.4	340.
9.0	23.1	1373.7	920.0	11.7	10.2	181.5	15.1	0.4	18.9	303.6	331.5	10.3	96.9	5.4	340.
10.0	23.1	2311.3	740.0	14.9	-22.2	190.2	16.0	2.6	15.9	305.8	319.0	9.9	90.5	9.6	340.
11.0	33.0	2705.7	725.0	13.4	-41.7	190.6	17.1	5.4	17.2	311.8	312.2	9.9	90.5	9.6	340.
12.0	33.0	3049.9	725.0	11.8	-14.9	211.4	20.1	15.5	16.2	314.2	314.6	0.1	1.0	13.7	360.
13.0	33.0	3122.6	725.0	9.4	-13.5	220.4	20.1	15.5	17.2	315.2	321.0	0.1	1.0	11.7	351.
14.0	33.0	3703.7	650.0	6.7	-13.5	220.4	20.1	15.5	17.2	315.2	321.0	0.1	1.0	11.7	351.
15.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
16.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
17.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
18.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
19.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
20.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
21.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
22.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
23.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
24.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
25.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
26.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
27.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
28.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
29.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
30.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
31.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
32.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
33.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
34.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
35.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
36.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
37.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
38.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
39.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
40.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
41.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
42.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
43.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
44.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
45.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
46.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
47.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
48.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
49.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
50.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
51.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
52.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
53.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
54.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
55.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
56.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
57.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
58.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
59.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
60.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
61.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.
62.0	41.0	4240.0	625.0	4.1	-11.0	220.9	22.2	16.1	15.3	316.6	323.7	2.3	19.3	14.0	350.

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 * BY SLOPED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

10 APRIL 1979
110° GMT

TIME MIN	CNTR	HEIGHT CM	PRZS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MR STD CM/KG	RM PCV	RANGE KM	AZ DEG
3.3	5.4	91.0	1031.3	9.4	7.6	80.0	4.1	-4.0	-0.7	293.5	299.5	6.7	93.0	0.3	30
3.1	5.0	131.9	1000.0	9.2	6.6	609.9	99.9	99.9	99.9	243.4	299.2	6.2	93.8	999.9	999.9
3.4	4.2	311.6	975.3	9.0	5.6	599.9	999.9	99.9	99.9	243.2	279.3	5.3	94.7	999.9	999.9
1.5	13.0	527.2	923.0	11.4	6.7	999.9	999.9	99.9	99.9	288.8	325.3	6.5	72.9	999.9	999.9
2.4	13.0	741.5	925.0	14.5	5.1	173.0	8.3	-1.0	5.2	298.2	310.3	6.0	33.2	1.1	420
3.1	12.4	981.5	902.0	14.3	9.9	210.5	8.4	4.5	7.7	297.2	319.1	6.5	74.8	1.2	310
4.2	17.4	1221.6	873.3	12.2	12.9	226.2	9.5	6.8	6.6	297.5	326.2	10.8	99.1	1.3	314
4.3	23.4	1455.5	853.3	12.2	13.0	234.4	11.2	9.1	6.5	298.3	323.9	9.1	94.6	1.5	350
5.7	24.4	1715.7	833.4	11.5	7.6	237.7	12.5	10.6	4.7	309.7	322.6	6.0	77.1	1.5	9
5.9	25.4	1973.3	803.0	9.7	7.7	233.5	14.5	11.7	8.4	301.5	324.3	4.3	87.5	2.4	22
7.3	24.0	2237.5	773.0	10.0	-2.9	241.3	11.7	10.2	5.6	304.6	317.9	4.5	46.5	3.3	23
8.4	30.4	2511.5	733.0	8.4	-12.9	241.3	9.8	9.0	5.4	307.3	313.0	1.9	15.3	3.5	33
1.4	33.2	2761.7	703.0	8.1	-4.7	247.4	10.8	10.0	4.2	308.4	315.6	2.7	27.5	4.0	40
1.5	35.7	3072.6	703.0	6.3	-4.2	247.9	14.6	13.5	5.5	308.5	319.7	3.4	43.3	4.9	45
11.5	35.7	3378.0	675.0	4.4	-7.9	247.5	16.6	15.4	6.4	310.6	320.7	3.1	43.1	5.7	49
11.7	41.4	3745.0	653.0	1.4	-7.5	243.0	17.9	14.0	9.1	310.5	323.6	3.4	21.4	6.9	51
13.5	44.4	3997.4	625.3	-1.7	-7.9	241.8	20.0	17.7	9.5	310.9	321.1	3.4	61.1	7.3	57
13.7	47.7	4321.5	603.0	-4.1	-7.7	245.8	21.8	19.9	9.0	311.4	321.3	3.3	73.1	8.4	54
13.9	53.3	4653.7	575.0	-7.0	-12.4	248.9	24.4	20.9	8.1	311.5	319.5	2.5	65.4	10.7	55
14.0	53.4	5003.6	550.0	-10.2	-13.5	247.4	19.5	14.7	7.5	312.0	319.5	2.4	76.3	12.1	58
14.5	59.4	5357.8	523.0	-13.5	-13.3	244.5	20.4	16.0	6.6	312.1	317.4	1.7	65.7	13.7	59
21.5	59.4	5727.4	503.0	-14.3	-10.3	246.2	20.4	18.6	9.2	312.6	316.4	0.2	9.0	15.3	53
21.7	57.7	6115.2	475.0	-14.5	-4.3	253.0	26.6	19.7	4.0	312.4	318.1	0.1	5.2	15.7	63
22.2	58.3	6514.3	453.0	-15.3	-7.9	255.3	21.8	21.1	5.5	319.0	320.5	3.4	23.8	16.3	61
23.7	58.3	6842.0	425.0	-23.3	-4.6	254.6	27.4	26.4	7.3	320.4	321.1	3.2	12.3	20.4	61
25.7	58.3	7348.8	403.0	-25.6	-4.4	254.7	31.3	30.2	8.2	321.6	322.3	3.1	12.1	22.7	64
25.7	77.3	7844.4	375.0	-26.4	-41.3	255.5	30.4	29.4	7.6	322.7	323.0	0.1	9.5	25.9	55
25.7	77.3	8117.5	350.0	-27.4	-47.6	255.4	28.9	28.0	7.3	323.7	324.0	0.1	12.5	27.1	67
31.4	44.7	8453.6	325.0	-37.1	-44.5	254.1	24.5	24.8	6.1	325.5	324.3	3.2	45.4	32.3	49
31.1	55.1	8820.0	300.0	-41.4	52.3	256.4	24.8	29.3	5.4	327.0	329.5	92.9	755.4	35.3	52
31.1	55.2	9202.9	275.0	-41.4	99.9	260.7	39.7	39.2	6.4	329.1	339.9	97.9	999.9	38.1	73
31.3	57.4	9514.3	253.0	-43.7	97.9	262.4	42.6	42.2	5.5	330.6	349.9	99.9	999.9	44.4	71
31.7	57.4	10236.7	225.0	-55.1	60.9	264.1	47.1	46.8	4.9	334.1	359.9	99.9	999.9	51.0	73
41.1	17.8	12045.6	200.0	-57.6	99.9	264.5	47.2	47.0	4.5	341.2	359.9	99.9	999.9	57.6	74
41.0	11.3	12876.6	175.0	-41.4	93.9	260.2	48.1	47.4	5.2	348.6	359.9	99.9	999.9	64.5	75
47.5	11.3	13433.4	150.0	-75.9	99.9	257.8	50.1	48.9	10.6	356.8	359.9	99.9	999.9	74.5	74
51.2	14.4	14363.3	125.0	-63.2	99.9	270.3	45.9	45.9	-0.2	360.5	359.9	99.9	999.9	85.1	77
51.3	13.7	15314.1	100.0	-64.1	92.0	273.5	28.3	28.3	-1.7	420.0	359.9	99.9	999.9	95.0	78
51.3	12.6	16053.3	75.0	-47.7	99.9	264.0	17.0	16.9	1.9	431.2	359.9	99.9	999.9	107.7	79
51.7	15.6	20526.2	50.0	-40.5	97.9	273.9	18.7	18.7	-1.3	501.1	359.9	99.9	999.9	112.7	76
51.9	14.4	24626.7	25.0	-49.4	93.9	999.9	999.9	99.9	99.9	644.8	359.9	99.9	999.9	122.4	82

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TWO MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 238
JACKSON, MISSISSIPPI10 APRIL 1979
1405 GMT

TIME MID	CNTCT	WEIGHT GMS	WIND NO	TEMP DE C	DIR DE C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT 7 DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
3.0	6.7	91.0	1002.2	11.0	5.7	100.0	-3.9	0.7	204.0	204.0	5.0	72.0	0.0	0.0
3.1	6.0	120.4	1003.0	11.1	6.1	100.0	-0.0	1.5	204.2	204.2	5.0	71.5	0.1	32.0
3.2	11.1	320.3	475.0	9.3	9.1	110.3	-7.2	3.0	204.5	204.5	5.7	71.3	0.4	23.0
3.3	11.1	530.9	475.0	13.0	9.2	110.3	-4.2	8.5	201.3	201.3	7.3	68.7	0.9	27.0
3.4	13.3	763.5	925.0	15.5	14.3	104.3	0.0	0.0	275.2	275.2	11.2	92.2	1.2	31.0
3.5	15.5	990.2	900.0	14.1	13.2	103.5	7.1	1.7	296.0	296.0	10.7	94.2	1.4	32.0
3.6	17.0	1234.0	975.0	12.7	11.0	201.0	0.0	2.0	297.0	297.0	10.1	94.0	1.7	33.0
3.7	17.2	1477.0	952.0	11.7	17.0	210.0	0.0	3.4	295.4	295.4	6.7	75.2	1.7	34.0
3.8	22.2	1727.0	925.0	13.2	17.0	220.2	4.5	4.2	300.1	300.1	9.4	94.4	2.2	35.0
3.9	24.5	1940.8	475.0	5.7	9.0	227.6	8.3	6.1	301.5	301.5	9.3	93.3	2.5	1.0
4.0	25.3	2240.2	775.0	10.2	9.2	227.4	9.9	9.1	304.8	304.8	6.3	62.0	3.3	11.0
4.1	29.3	2521.9	750.0	9.1	-7.7	227.5	16.3	12.0	305.8	305.8	4.9	50.1	3.9	13.0
4.2	31.6	2803.2	725.0	7.4	-1.7	229.0	17.4	13.1	307.0	307.0	4.7	52.1	4.7	25.0
4.3	34.1	3070.3	700.0	5.7	-1.2	228.2	15.1	14.2	308.8	308.8	4.3	53.0	5.7	32.0
4.4	35.6	3357.2	675.0	3.9	-5.0	231.1	16.6	14.5	309.9	309.9	3.7	49.5	6.9	13.0
4.5	39.1	3642.1	650.0	1.3	-3.0	236.7	17.4	14.4	310.4	310.4	3.0	46.0	9.3	14.0
4.6	41.7	4030.5	625.0	-1.0	-11.0	239.0	15.7	8.3	310.6	310.6	2.5	45.2	9.1	39.0
4.7	44.3	4320.9	475.0	-4.4	-16.0	239.5	15.3	7.8	311.0	311.0	2.0	43.9	10.1	41.0
4.8	47.1	4610.5	575.0	-6.4	-35.5	245.4	15.5	6.5	312.1	312.1	0.5	13.0	11.2	43.0
4.9	49.0	5076.7	550.0	-9.4	-37.2	245.6	17.1	7.1	312.9	312.9	0.5	16.5	12.3	45.0
5.0	52.7	5370.2	575.0	-11.6	-47.1	249.0	17.5	6.3	314.2	314.2	0.1	3.7	13.4	47.0
5.1	55.4	5750.2	570.0	-14.4	-59.0	252.2	19.6	8.0	315.5	315.5	0.0	1.0	15.0	53.0
5.2	58.5	6125.3	475.0	-17.1	-67.0	247.6	20.3	7.8	316.8	316.8	0.0	1.0	15.7	52.0
5.3	61.6	6523.3	450.0	-17.7	-63.5	247.9	21.9	8.4	319.5	319.5	0.0	1.0	18.4	53.0
5.4	64.3	6911.3	425.0	-22.5	-44.5	247.9	23.3	8.6	319.8	319.8	0.0	1.0	20.5	55.0
5.5	67.0	7292.0	400.0	-25.7	-44.4	246.6	23.7	9.0	321.5	321.5	0.0	1.0	22.4	56.0
5.6	71.1	7954.9	375.0	-29.6	-49.9	245.0	25.9	10.9	322.5	322.5	0.0	1.0	25.1	57.0
5.7	74.7	8345.3	350.0	-33.4	-71.4	247.0	26.1	11.0	323.7	323.7	0.0	1.0	26.3	59.0
5.8	78.3	8512.4	325.0	-37.0	-47.3	251.2	34.5	11.1	325.9	325.9	0.2	33.0	31.4	59.0
5.9	82.1	8612.0	300.0	-41.2	49.9	257.7	37.9	8.2	327.3	327.3	0.9	39.9	35.5	61.0
6.0	85.7	8994.1	275.0	-45.7	90.9	258.7	42.3	10.4	328.6	328.6	0.9	39.9	40.9	53.0
6.1	89.2	9376.4	250.0	-49.4	99.9	258.7	44.4	9.0	332.4	332.4	0.9	39.9	47.5	45.0
6.2	94.4	11376.4	225.0	-44.4	99.9	261.2	44.9	6.9	335.1	335.1	0.9	39.9	53.5	57.0
6.3	99.1	12201.0	200.0	-55.9	99.9	262.6	47.2	6.4	344.2	344.2	0.9	39.9	62.7	59.0
6.4	104.4	12705.4	175.0	-62.2	99.9	256.2	47.9	6.4	353.5	353.5	0.9	39.9	69.5	70.0
6.5	110.0	13450.5	150.0	-61.3	99.9	254.4	46.5	12.5	364.5	364.5	0.9	39.9	79.3	71.0
6.6	115.7	14092.7	125.0	-69.7	99.9	263.1	50.1	6.0	376.0	376.0	0.9	39.9	99.9	72.0
6.7	123.3	14346.5	100.0	-64.9	99.9	268.1	31.0	1.3	396.0	396.0	0.9	39.9	103.2	73.0
6.8	131.7	14900.1	75.0	-64.3	99.9	276.3	17.2	-0.1	434.0	434.0	0.9	39.9	126.8	74.0
6.9	142.0	23542.2	50.0	-61.3	93.9	269.4	14.4	3.2	499.1	499.1	0.9	39.9	113.7	75.0
7.0	150.0	25.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.9	39.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI10 APRIL 1979
1705 GMT

1705 GMT															
TIME	CVTC*	HEIGHT GPM	PRES MR	TEMP DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX BTJ GM/KG	RM PCT	RANGE KM	AZ DG	
000	504	9100	100246	14.1	1000	4.6	-4.3	1.6	289.1	309.1	7.7	67.0	0.3	30	
003	501	11104	100500	15.1	7.9	5.5	-4.9	2.6	289.2	305.9	5.7	62.3	0.1	233	
004	502	32504	97500	15.2	5.9	128.3	-5.0	4.0	289.8	305.6	5.0	60.1	0.3	279	
005	1203	54409	95200	16.9	11.9	153.5	-3.7	7.4	292.3	317.2	9.5	59.0	0.5	297	
006	1204	77207	92500	16.6	16.3	171.8	-1.2	9.7	295.3	320.7	12.7	58.1	0.6	321	
007	1400	102502	92000	16.8	14.2	158.5	-1.5	7.6	295.9	325.9	11.4	95.9	1.2	332	
008	1400	124400	97500	15.6	12.2	171.2	-1.3	9.1	297.9	325.4	10.3	91.2	1.5	336	
009	1402	143305	95200	12.6	30.3	192.9	2.2	9.7	300.4	316.4	5.7	63.7	2.0	341	
010	2105	174105	82500	15.3	7.1	216.6	6.5	9.1	302.7	320.1	7.8	55.2	2.4	351	
011	2309	200001	41000	12.1	26.7	216.3	7.9	9.9	304.0	320.6	5.9	52.9	2.9	10	
012	2502	224504	77500	10.4	10.3	216.9	8.7	10.4	305.0	320.6	5.4	53.1	3.5	90	
013	2400	253704	75500	9.9	-3.1	226.7	12.0	11.3	306.3	319.1	4.1	42.4	4.2	15	
014	3100	341901	72000	9.2	-3.1	226.7	10.5	12.0	308.4	319.1	3.5	38.5	5.1	21	
015	3305	312007	72000	9.7	-3.7	227.7	17.4	12.0	309.2	321.0	4.2	35.1	6.1	25	
016	3503	340300	67500	9.4	-10.3	231.0	16.8	10.6	309.4	317.3	2.5	34.0	7.1	29	
017	3505	370003	55300	10.1	-13.4	231.4	15.9	9.9	310.2	316.3	2.7	42.0	8.3	32	
018	3601	370003	62500	-10.5	-11.5	230.6	14.6	9.9	310.6	316.3	2.5	45.7	9.9	36	
019	4100	370003	47500	-20.4	-22.9	230.3	12.9	9.2	312.2	315.4	1.0	23.2	10.7	35	
020	4300	400101	47500	-20.9	-24.6	240.9	12.3	9.9	313.2	315.4	0.9	21.7	10.7	37	
021	4300	500703	55300	-20.0	-25.4	253.2	14.9	3.9	314.6	317.5	9.9	22.9	11.5	40	
022	4300	530702	52500	-10.9	-25.5	243.2	19.8	17.6	315.4	319.4	7.9	22.9	12.4	43	
023	5000	570000	40300	-10.7	-31.9	230.4	21.1	10.9	316.0	319.0	0.4	22.1	14.2	47	
024	5000	515700	47500	-17.2	-36.7	240.0	22.0	9.6	316.4	317.8	3.3	15.4	15.0	49	
025	5101	550002	47500	-20.0	-37.0	240.9	23.0	9.0	319.1	319.1	0.2	16.4	17.9	53	
026	5101	570000	47500	-20.4	-44.2	240.1	26.4	10.3	319.0	319.7	0.2	12.6	19.9	57	
027	5700	741204	47500	-20.3	-44.4	240.9	29.9	11.8	320.0	321.4	0.1	17.0	22.5	52	
028	7300	737600	37500	-20.5	-50.5	245.7	35.3	32.1	322.6	323.0	0.1	10.9	25.5	54	
029	7400	915502	35000	-31.0	-57.0	240.3	36.9	16.0	324.2	324.9	0.1	11.3	27.7	55	
030	7400	942202	32500	-31.1	-54.5	240.5	37.7	13.9	325.4	325.4	0.1	14.2	31.9	57	
031	8100	942202	32500	-41.0	-53.9	250.3	39.9	9.4	327.5	329.9	9.9	99.9	38.3	59	
032	8100	1031005	27500	-45.5	-72.9	250.5	47.0	11.8	328.9	330.9	9.9	99.9	43.5	61	
033	8200	1165005	25000	-45.7	-72.9	250.4	44.6	11.2	331.2	331.2	9.9	99.9	49.5	63	
034	8200	1165005	25000	-45.7	-72.9	250.3	48.7	12.4	336.0	336.0	9.9	99.9	55.1	65	
035	8200	1223007	23000	-45.0	-72.9	250.4	52.9	9.7	344.1	344.1	9.9	99.9	64.3	67	
036	1000	1223007	17500	-45.2	-72.9	250.0	53.0	17.1	353.8	353.8	9.9	99.9	77.7	69	
037	1100	1393007	15000	-41.2	-72.9	250.8	50.7	13.3	364.7	364.7	9.9	99.9	84.2	71	
038	1100	1507009	12500	-45.3	-72.9	260.7	40.9	4.5	376.7	376.7	9.9	99.9	94.3	73	
039	1230	1507009	13000	-45.7	-72.9	260.4	31.7	3.4	416.7	416.7	9.9	99.9	122.4	75	
040	1310	1410004	7500	-46.3	-72.9	260.9	22.6	7.8	432.6	432.6	9.9	99.9	111.2	77	
041	1300	0000	5000	-50.5	-72.9	99.9	99.9	99.9	99.9	99.9	9.9	99.9	99.9	99.9	99.9
042	1400	0000	2500	-50.3	-72.9	99.9	99.9	99.9	99.9	99.9	9.9	99.9	99.9	99.9	99.9

* BY SPOD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TPO MEANS - DEGREE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 239
JACKSON, MISSISSIPPI10 APRIL 1979
2005 GMT

TIME MIL	CNTCT	WEIGHT GMS	WETS MM	TEMP DE C	DEFS DE C	DIR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DE K	E POT Y DE K	MR RTO CM/KG	PM PCT	157	9.	0
3.2	0.2	91.0	1000.0	20.0	12.0	140.0	0.2	-4.0	4.7	293.8	319.0	9.2	63.0	157	9.	0
9.0	9.3	99.9	1030.0	94.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	0.3	330.3	975.0	14.3	12.3	142.8	9.4	-5.7	7.4	293.8	317.6	9.1	65.7	99.9	0.4	32.0
1.0	1.0	531.7	950.0	16.3	11.0	150.5	9.2	-3.7	6.4	293.8	319.2	9.2	74.1	99.9	0.5	32.0
2.3	12.7	719.5	925.0	14.7	13.3	167.5	12.6	-2.7	12.5	260.3	321.0	10.5	91.6	99.9	1.3	33.0
3.2	14.0	900.0	900.0	14.7	13.9	176.4	15.7	-1.0	15.7	290.7	326.2	11.2	94.7	99.9	1.9	33.0
4.1	17.2	1229.0	875.0	14.1	13.3	184.0	14.0	1.2	14.0	290.4	327.9	11.1	95.4	99.9	2.7	34.0
4.9	19.5	1474.0	853.0	12.9	12.2	191.2	12.9	2.5	12.9	290.0	329.0	10.6	95.4	99.9	3.3	35.0
5.9	21.8	1725.5	825.0	10.9	13.0	197.9	12.6	3.9	12.6	300.1	329.6	9.4	94.6	99.9	4.2	35.0
6.9	24.2	1942.4	790.0	8.5	9.2	204.7	13.0	5.4	11.9	301.3	329.6	8.4	91.7	99.9	4.7	35.0
8.3	25.9	2245.4	775.0	6.5	3.1	210.9	14.7	7.5	12.6	304.1	321.5	6.2	84.1	99.9	5.5	36
9.4	23.4	2519.3	745.0	4.5	2.0	214.7	15.4	6.9	12.7	305.8	322.0	5.9	84.0	99.9	6.2	36
10.0	31.3	2799.1	725.0	7.2	-19.1	215.2	16.3	9.4	13.4	307.4	311.1	1.2	13.3	99.9	7.1	11.0
13.7	33.7	3055.9	700.0	5.6	-13.7	214.1	14.0	9.0	13.3	305.7	312.7	1.3	13.4	99.9	7.9	13.0
14.5	36.3	3311.7	675.0	3.3	-20.5	215.9	16.1	9.5	13.1	309.4	312.9	1.1	15.7	99.9	9.7	15.0
12.0	31.4	3456.1	650.0	1.0	-20.3	214.3	16.1	10.0	12.4	310.2	313.9	1.2	14.3	99.9	2.5	17.0
13.7	31.4	3692.0	625.0	-1.4	-17.6	214.9	14.0	8.9	12.9	310.9	315.3	1.4	25.4	99.9	10.4	13.0
14.7	44.1	4223.9	600.0	-3.7	-17.0	217.6	15.3	9.3	12.1	311.5	316.3	1.4	27.5	99.9	11.3	21.0
15.3	45.4	4654.9	575.0	-5.7	-15.4	222.0	15.9	10.6	11.9	313.3	319.4	1.9	44.9	99.9	12.3	22.0
17.2	49.7	5335.7	550.0	-7.4	-14.1	222.7	16.2	11.0	11.0	315.1	317.5	1.3	27.5	99.9	13.5	24.0
19.4	52.4	5845.7	525.0	-10.4	-11.6	232.6	15.4	12.2	9.3	315.7	317.5	0.5	15.9	99.9	14.5	24.0
19.3	53.4	5719.1	500.0	-14.1	-7.0	243.6	15.3	13.7	5.6	315.6	316.1	0.7	27.3	99.9	15.4	29.0
21.0	55.4	6124.7	475.0	-17.4	-7.0	251.7	15.0	17.1	5.7	314.4	320.6	1.3	62.4	99.9	16.4	31.0
22.3	51.4	5529.1	450.0	-16.7	-2.4	254.7	24.2	21.4	5.9	318.5	322.7	1.3	72.3	99.9	17.5	34.0
23.7	44.5	6051.6	425.0	-21.0	-23.5	244.9	26.4	23.0	11.2	326.1	326.5	1.3	67.4	99.9	19.4	39.0
25.1	57.8	7356.0	400.0	-24.1	-27.2	240.2	29.1	25.3	14.5	323.6	327.1	1.0	75.4	99.9	21.9	47.0
25.9	71.1	7944.4	375.0	-27.5	-31.0	234.2	32.4	26.9	19.0	325.2	327.9	0.9	71.5	99.9	24.3	43.0
26.3	74.7	8357.0	350.0	-31.5	-34.5	234.1	34.4	27.9	20.2	325.3	329.2	0.5	67.5	99.9	27.3	46.0
27.3	74.3	8977.5	325.0	-35.4	-39.7	232.7	36.5	29.1	22.1	327.9	329.2	0.4	64.7	99.9	30.9	45.0
31.5	92.0	9423.5	300.0	-40.0	-45.0	235.6	37.2	30.7	21.4	329.1	329.9	0.2	54.2	99.9	34.5	46.0
33.4	93.7	11017.0	275.0	-44.3	-49.9	239.4	43.7	37.6	22.2	329.6	329.9	0.9	99.9	99.9	34.5	47.0
35.1	93.2	13644.9	250.0	-51.1	-59.9	245.7	45.0	41.7	19.9	330.1	329.9	0.9	99.9	99.9	49.7	51.0
37.2	94.4	11322.9	225.0	-54.8	-64.9	249.4	50.6	47.4	17.0	331.5	329.9	0.9	99.9	99.9	55.9	54.0
39.5	92.3	12372.5	200.0	-57.4	-69.9	253.0	56.6	54.2	14.4	341.5	329.9	0.9	99.9	99.9	65.5	57.0
43.5	134.5	12011.4	175.0	-61.9	-74.9	255.9	61.4	59.6	14.9	353.4	329.9	0.9	99.9	99.9	75.1	50.0
44.2	115.3	14992.3	150.0	-61.9	-74.9	256.1	59.6	52.3	11.7	353.6	329.9	0.9	99.9	99.9	87.1	52.0
51.7	123.3	14311.8	125.0	-64.2	-79.9	256.6	59.6	49.2	12.2	373.6	329.9	0.9	99.9	99.9	97.1	64.0
54.2	131.7	14033.2	75.0	-75.1	-89.9	251.7	20.9	32.9	7.6	398.8	329.9	0.9	99.9	99.9	107.2	64.0
63.5	141.7	23549.6	50.0	-69.7	-99.9	272.3	11.3	11.2	-0.3	500.3	329.9	0.9	99.9	99.9	113.3	55.0
77.4	153.4	24950.8	25.0	-49.9	-99.9	262.3	15.4	15.7	2.1	644.6	329.9	0.9	99.9	99.9	122.3	85.0

BY SPOT MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 BY SPOT MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

11 APRIL 1979
505 G.H.

TIME MID	CUTCY	WEIGHT GPM	PRCS MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ STD G/MG	RM PCT	RANGE KM	AZ DEG
12	966	316.3	637.4	19.7	17.1	170.0	8.8	-6.7	5.7	297.9	325.2	12.4	44.0	3.0	0.
32.2	969	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
32.5	967	231.4	974.0	20.3	19.4	143.4	16.8	-11.2	15.7	295.4	325.2	14.0	97.0	7.6	32.0
1.4	11.0	515.5	950.0	17.1	16.6	168.0	21.1	-11.2	17.9	295.1	326.1	12.6	93.7	1.5	31.6
2.3	13.4	448.3	925.0	16.6	15.4	166.5	26.0	-6.7	24.5	296.3	326.2	12.6	74.1	2.3	32.2
2.5	13.4	378.3	977.0	16.7	15.7	166.7	33.5	-6.0	33.5	296.7	326.2	12.6	64.1	3.3	33.0
3.2	13.0	1214.7	975.0	14.4	10.4	176.4	34.0	-2.1	33.9	296.8	326.2	12.6	93.7	4.5	33.5
3.7	21.5	1444.9	950.0	14.2	12.4	181.1	32.4	9.6	32.4	297.0	326.2	12.4	93.7	7.4	34.3
4.2	22.3	1717.0	950.0	12.4	11.0	197.0	30.4	1.4	30.4	298.1	326.2	10.1	93.7	9.3	34.5
4.7	23.4	1975.4	950.0	12.1	7.2	194.7	28.3	3.3	28.3	298.8	326.2	8.0	93.7	9.3	34.5
5.2	24.4	2211.6	775.0	10.6	7.5	195.2	25.5	0.7	24.6	298.2	326.2	7.4	70.5	9.3	34.5
5.3	32.3	2574.4	750.0	8.5	7.9	205.3	24.4	10.4	22.1	298.2	326.2	6.4	73.0	9.3	34.5
5.3	32.3	2735.3	725.0	10.9	-7.5	216.1	23.6	13.9	19.1	312.4	319.2	2.6	74.2	17.1	31.9
5.5	33.6	3086.7	703.0	9.2	-14.0	225.0	22.8	16.7	16.0	312.7	319.5	1.9	17.4	11.7	31.9
5.5	33.6	3386.4	675.0	6.5	-14.0	235.0	21.4	16.4	13.7	312.9	319.5	1.9	17.4	12.7	31.9
13.3	41.0	3618.6	657.0	4.1	-17.7	229.0	21.2	15.9	13.9	316.6	319.2	1.7	21.9	13.4	12.0
13.3	41.0	4012.2	625.0	1.8	-17.9	229.0	21.6	15.7	13.3	316.4	319.2	1.4	19.0	14.1	13.0
13.3	41.0	4332.4	625.0	-1.2	-17.9	232.9	21.2	16.1	12.2	316.7	319.2	1.4	19.0	14.1	13.0
13.3	41.0	4675.0	575.0	-4.1	-19.0	239.4	18.9	16.3	9.5	316.2	320.9	1.3	30.7	14.3	17.0
13.3	41.0	5025.9	525.0	-6.9	-23.7	244.3	15.6	17.7	9.5	316.1	320.9	1.3	30.7	14.3	17.0
13.4	50.4	5346.1	455.0	-9.7	-21.9	255.4	20.9	26.2	5.3	315.7	323.9	1.3	34.5	17.1	24.0
13.4	50.4	5740.1	400.0	-12.3	-19.1	256.3	26.4	17.8	5.2	315.9	323.9	1.7	42.2	17.9	27.0
13.4	51.4	6137.1	350.0	-14.2	-19.2	244.5	16.0	16.5	7.2	316.9	324.1	1.9	44.1	17.7	33.0
13.4	53.6	6556.9	350.0	-17.4	-19.5	234.1	21.4	17.3	12.5	321.4	324.1	2.3	44.1	17.7	33.0
13.5	53.6	6976.1	350.0	-20.4	-21.2	231.5	21.5	20.8	16.5	323.6	324.3	1.7	44.1	21.5	33.0
23.1	72.0	7436.1	420.0	-27.7	-24.2	230.0	21.4	20.2	17.0	324.2	324.3	1.7	44.1	21.5	33.0
23.1	72.0	7856.1	375.0	-37.0	-24.1	231.7	27.5	21.4	17.1	324.4	324.3	1.7	44.1	21.5	33.0
23.3	74.1	8320.3	350.0	-32.2	-35.2	236.4	25.0	24.1	16.9	324.2	324.3	1.7	44.1	21.5	33.0
23.3	74.1	8736.3	325.0	-37.4	-37.4	239.7	30.4	26.3	15.7	324.9	324.3	1.7	44.1	21.5	33.0
23.3	74.1	9156.3	300.0	-41.9	-37.4	243.8	35.4	27.7	13.7	324.4	324.3	1.7	44.1	21.5	33.0
23.3	74.1	9576.3	275.0	-46.1	-37.4	243.4	34.3	30.7	13.7	324.4	324.3	1.7	44.1	21.5	33.0
32.3	95.4	10446.1	250.0	-50.4	-39.9	244.3	37.9	36.2	15.5	324.5	324.3	1.7	44.1	21.5	33.0
32.3	95.4	10866.1	225.0	-54.5	-39.9	244.3	41.4	42.4	14.6	324.5	324.3	1.7	44.1	21.5	33.0
32.3	95.4	11286.1	200.0	-57.9	-39.9	250.5	54.5	51.4	19.1	341.1	324.3	1.7	44.1	21.5	33.0
32.3	95.4	11706.1	175.0	-62.9	-39.9	252.4	64.3	61.3	19.5	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	12126.1	150.0	-67.9	-39.9	255.6	64.3	61.3	19.5	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	12546.1	125.0	-72.9	-39.9	258.9	57.0	57.0	19.7	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	12966.1	100.0	-77.9	-39.9	262.2	51.4	51.4	19.7	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	13386.1	75.0	-82.9	-39.9	265.5	45.4	45.4	19.7	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	13806.1	50.0	-87.9	-39.9	268.8	39.4	39.4	19.7	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	14226.1	25.0	-92.9	-39.9	272.1	33.4	33.4	19.7	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	14646.1	0.0	-97.9	-39.9	275.4	27.4	27.4	19.7	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	15066.1	0.0	-102.9	-39.9	278.7	21.4	21.4	19.7	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	15486.1	0.0	-107.9	-39.9	282.0	15.4	15.4	19.7	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	15906.1	0.0	-112.9	-39.9	285.3	9.4	9.4	19.7	347.7	324.3	1.7	44.1	21.5	33.0
32.3	95.4	16326.1	0.0	-117.9	-39.9	288.6	3.4	3.4	19.7	347.7	324.3	1.7	44.1	21.5	33.0

BY SOTED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY SOTED MEANS TEMPERATURE DO TIME HAVE BEEN INTERPOLATED
BY SOTED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 230
JACKSON, MISSISSIPPI11 APRIL 1979
005 GMT

TIME MIN	CNTCT	MEICAT SPW	PHES NO	TEMP DEG C	WIND DEG C	DIR DEG	SPEED M/SEC	U CORR M/SEC	V CORR M/SEC	POT T OG K	E POT T OG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DEG
20.3	00.3	91.0	990.7	21.1	19.9	190.0	5.7	-2.9	4.9	224.5	333.0	14.9	23.0	0.0	0
20.3	00.3	90.9	1000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
20.3	00.3	232.3	075.0	20.0	19.6	000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
20.3	00.3	537.5	075.0	19.2	19.4	000.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0
20.3	00.3	737.6	075.0	18.1	17.3	170.5	22.5	-3.7	22.2	297.4	333.6	13.6	95.0	2.1	345
20.3	00.3	972.5	075.0	16.9	15.9	174.1	25.3	-2.6	25.2	298.9	332.0	12.8	94.0	3.2	348
20.3	00.3	1213.0	075.0	15.3	14.4	177.8	24.5	-0.9	24.5	299.7	331.5	11.9	94.3	4.5	350
20.3	00.3	1459.0	075.0	14.1	13.1	180.1	24.4	0.0	24.4	300.7	331.1	11.2	93.5	5.7	353
20.3	00.3	1712.5	075.0	12.1	11.1	181.5	23.9	0.6	23.9	301.4	329.5	10.1	93.5	7.0	354
20.3	00.3	1958.5	075.0	11.4	10.4	182.4	23.1	0.2	23.1	303.2	328.0	8.2	93.2	8.3	355
20.3	00.3	2234.3	075.0	10.9	9.9	183.4	23.6	0.5	23.4	305.5	317.2	4.4	41.5	10.4	356
20.3	00.3	2537.1	075.0	9.5	8.5	184.6	20.9	4.6	20.4	307.0	317.7	3.7	37.3	11.5	357
20.3	00.3	2790.1	075.0	10.2	9.2	203.2	17.3	6.8	14.9	310.6	323.7	3.4	31.4	12.7	359
20.3	00.3	3070.9	075.0	7.4	6.4	208.5	13.3	6.3	11.7	310.7	323.9	4.5	49.3	13.4	1
20.3	00.3	3377.6	075.0	4.4	3.4	214.7	12.1	6.9	9.9	310.8	324.4	4.7	52.2	14.1	2
20.3	00.3	3683.5	075.0	1.2	0.2	220.1	14.7	9.5	11.3	310.7	324.1	4.5	65.0	14.7	4
20.3	00.3	4030.1	075.0	2.1	1.1	230.3	16.9	13.0	10.9	314.0	318.4	1.2	16.5	15.4	6
20.3	00.3	4374.0	075.0	-0.4	-0.4	235.1	19.1	15.7	11.0	315.6	315.9	0.1	1.0	15.1	9
20.3	00.3	4655.1	075.0	-3.1	-3.1	236.1	18.0	15.0	10.1	316.2	315.4	0.1	1.0	15.2	12
20.3	00.3	4915.0	075.0	-6.2	-6.2	239.2	19.0	14.4	12.4	316.2	315.9	0.0	1.0	15.3	15
20.3	00.3	5150.9	075.0	-9.1	-9.1	242.9	22.0	15.5	15.5	317.5	317.6	0.0	1.0	15.3	17
20.3	00.3	5377.9	075.0	-12.0	-12.0	247.4	24.6	18.1	16.6	319.4	318.5	0.0	1.0	15.3	19
20.3	00.3	5620.2	075.0	-14.9	-14.9	253.5	23.0	17.7	15.1	319.5	318.5	0.0	1.0	15.3	22
20.3	00.3	5840.2	075.0	-19.2	-19.2	259.5	23.0	16.8	16.5	320.4	320.5	0.0	1.0	15.3	24
20.3	00.3	6072.9	075.0	-22.7	-22.7	261.5	22.6	16.1	15.9	322.2	320.9	0.0	1.0	15.3	25
20.3	00.3	6315.7	075.0	-25.4	-25.4	268.5	22.3	16.7	14.8	322.1	322.1	0.0	1.0	15.3	27
20.3	00.3	6550.2	075.0	-28.4	-28.4	276.5	21.0	17.9	11.0	322.7	322.7	0.0	1.0	15.3	29
20.3	00.3	6784.9	075.0	-31.7	-31.7	284.0	24.9	22.7	10.1	322.7	322.7	0.0	1.0	15.3	31
20.3	00.3	6933.8	075.0	-37.7	-37.7	293.7	28.0	26.8	7.9	324.7	324.7	0.0	1.0	15.3	33
20.3	00.3	7181.5	075.0	-41.4	-41.4	299.9	25.3	28.4	7.2	327.0	327.0	0.0	1.0	15.3	35
20.3	00.3	7430.5	075.0	-45.9	-45.9	305.9	34.4	32.9	17.0	329.0	329.0	0.0	1.0	15.3	37
20.3	00.3	7680.5	075.0	-50.0	-50.0	309.9	42.6	40.9	15.0	331.7	331.7	0.0	1.0	15.3	39
20.3	00.3	7930.5	075.0	-52.7	-52.7	319.5	50.3	47.4	15.8	337.2	337.2	0.0	1.0	15.3	41
20.3	00.3	8180.5	075.0	-57.0	-57.0	329.5	54.0	50.6	18.8	342.5	342.5	0.0	1.0	15.3	43
20.3	00.3	8430.5	075.0	-59.5	-59.5	339.5	55.6	52.3	18.6	351.7	351.7	0.0	1.0	15.3	45
20.3	00.3	8680.5	075.0	-61.4	-61.4	349.5	53.1	49.1	17.0	364.4	364.4	0.0	1.0	15.3	47
20.3	00.3	8930.5	075.0	-65.9	-65.9	359.5	46.2	43.0	17.0	375.6	375.6	0.0	1.0	15.3	49
20.3	00.3	9180.5	075.0	-70.6	-70.6	369.5	39.5	37.4	12.7	391.3	391.3	0.0	1.0	15.3	51
20.3	00.3	9430.5	075.0	-75.0	-75.0	379.5	24.7	19.5	15.3	429.4	429.4	0.0	1.0	15.3	53
20.3	00.3	9680.5	075.0	-82.5	-82.5	389.5	11.0	10.8	1.7	496.2	496.2	0.0	1.0	15.3	55
20.3	00.3	9930.5	075.0	-86.0	-86.0	399.5	6.0	7.6	-1.5	641.7	641.7	0.0	1.0	15.3	57

BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 BY SPCT MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 235
JACKSON, MISSISSIPPI
11 APRIL 1979
1100 GMT

TIME MIN	CNTCT	WFLGHT GPM	PRPS WS	TYPE DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY 7 DG K	E POT 7 DG K	MR STD CM/KG	OM PCT	RANGE KM	AZ DG
303	701	3103	999.5	2100	1705	1700	5.1	-0.0	5.0	295.1	312.7	14.5	99.0	0.0	0.0
309	709	990.0	1000.0	0900	0900	0900	09.0	09.0	09.0	090.0	090.0	09.0	090.0	090.0	090.0
317	707	293.7	975.0	2700	1700	1600	10.5	-2.4	13.3	294.1	311.1	13.4	99.0	0.0	0.0
324	710	576.7	950.0	1907	1901	1904	20.2	-5.8	12.3	297.2	313.6	13.0	99.0	0.0	0.0
332	706	735.7	935.0	1601	1607	1700	24.6	-3.4	22.3	297.6	312.3	13.1	99.0	0.0	0.0
340	707	970.4	920.0	1601	1607	1700	24.6	-3.4	22.3	297.6	312.3	13.1	99.0	0.0	0.0
348	703	1210.6	875.0	1500	1503	1700	24.6	-3.4	22.3	297.6	312.3	13.1	99.0	0.0	0.0
356	704	1450.0	850.0	1302	1105	1700	27.6	-0.0	27.4	299.4	312.1	11.1	99.0	0.0	0.0
364	703	1720.1	800.0	1300	901	1700	27.6	-0.0	27.4	299.4	312.1	11.1	99.0	0.0	0.0
372	703	1920.1	820.0	1102	904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
380	703	2210.0	775.0	0904	0900	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
388	703	2500.0	750.0	1107	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
396	703	2790.0	725.0	1103	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
404	703	3080.0	700.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
412	703	3370.0	675.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
420	703	3660.0	650.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
428	703	3950.0	625.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
436	703	4240.0	600.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
444	703	4530.0	575.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
452	703	4820.0	550.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
460	703	5110.0	525.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
468	703	5400.0	500.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
476	703	5690.0	475.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
484	703	5980.0	450.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
492	703	6270.0	425.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
500	703	6560.0	400.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
508	703	6850.0	375.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
516	703	7140.0	350.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
524	703	7430.0	325.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
532	703	7720.0	300.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
540	703	8010.0	275.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
548	703	8300.0	250.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
556	703	8590.0	225.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
564	703	8880.0	200.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
572	703	9170.0	175.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
580	703	9460.0	150.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
588	703	9750.0	125.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
596	703	10040.0	100.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
604	703	10330.0	75.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
612	703	10620.0	50.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
620	703	10910.0	25.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0
628	703	11200.0	0.0	0900	0904	1802	24.6	0.5	24.4	302.4	312.4	9.3	99.0	0.0	0.0

1. BY SPOT MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
2. BY TEND MEANS ELEVATION ANGLE BETWEEN 10 AND 15 DEG
3. BY SPOT MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
10 APRIL 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WIND STG CM/SEC	PCY	RANGE KM	AZ DG
303	5.5	5.0	1007.3	16.7	12.8	40.0	3.1	-2.0	-2.4	299.3	313.3	9.3	78.0	0.0	0
311	7.1	47.2	1072.0	16.8	12.6	121.0	5.1	-4.4	7.6	289.9	316.3	9.4	77.8	0.2	240
319	9.2	264.4	975.0	18.2	19.1	126.6	5.7	-4.6	3.4	293.5	318.4	13.5	98.2	0.3	250
1.5	11.3	537.7	950.0	17.3	17.0	149.2	5.3	-2.7	4.6	294.7	328.5	11.0	75.7	0.2	217
2.0	13.4	735.7	925.0	15.7	15.2	156.9	5.7	-2.2	5.3	295.4	328.5	11.9	97.2	0.2	305
3.4	15.4	558.7	922.3	14.7	14.3	173.2	7.3	-0.9	7.3	296.7	326.9	11.5	97.2	1.0	313
4.3	17.4	1207.2	975.0	16.4	-14.1	204.0	11.6	4.7	10.6	307.8	326.0	10.6	14.5	1.0	333
5.2	23.0	1453.7	450.0	16.3	6.4	208.9	14.3	6.9	12.6	303.2	323.1	7.1	1.9	1.9	352
5.1	25.1	1705.9	825.0	13.7	6.2	206.5	14.9	6.6	13.3	303.1	323.3	7.3	4.4	2.6	3
7.0	28.5	1945.9	830.0	12.1	-4.5	201.7	15.6	5.8	14.5	305.1	315.5	3.6	30.5	3.3	5
7.9	29.3	2232.0	775.0	12.7	-12.1	201.7	16.0	5.9	14.8	307.5	317.9	0.1	1.0	4.2	11
9.3	31.2	2535.4	750.0	11.0	-13.2	202.8	16.9	6.2	14.7	308.5	318.9	0.1	1.0	5.7	13
9.3	31.4	2746.9	715.0	8.5	-18.4	203.8	16.2	6.5	14.4	308.5	319.5	0.2	2.2	6.1	15
11.0	33.3	3175.3	730.0	6.6	-23.0	205.1	16.2	6.9	14.6	309.9	319.7	0.4	5.2	7.1	16
12.1	33.3	3372.4	675.0	4.4	-27.9	216.3	14.3	8.5	11.6	310.5	312.0	0.4	5.5	8.1	18
13.2	34.4	3678.1	650.0	2.1	-31.4	229.7	11.6	9.6	9.2	311.3	314.9	1.1	14.3	9.0	20
14.4	36.4	3993.4	625.0	0.7	-39.5	250.1	11.1	10.4	3.8	313.2	313.5	2.1	1.0	9.5	23
15.5	40.0	4319.0	400.0	-2.2	-51.3	254.1	11.6	12.4	7.1	313.6	313.8	0.1	1.0	10.2	27
16.5	40.5	4645.0	475.0	-5.5	-53.4	260.9	14.5	14.3	2.3	313.6	313.6	0.0	1.0	10.4	30
17.9	44.7	5124.0	530.0	-7.8	-54.8	260.9	14.5	16.1	2.7	314.9	315.0	0.0	1.0	11.4	32
19.1	50.1	5741.6	530.0	-10.6	-56.6	249.5	17.2	16.1	6.0	315.7	315.8	0.0	1.0	12.4	36
20.5	53.3	6172.4	475.0	-13.5	-58.5	244.4	15.4	17.5	8.4	316.6	314.7	0.0	1.0	13.6	41
21.8	57.8	6172.4	475.0	-17.0	-60.7	249.7	21.8	20.4	7.6	317.9	317.1	0.0	1.0	15.2	44
23.2	57.7	6520.1	450.0	-19.4	-62.3	254.4	24.1	25.1	7.0	319.8	319.8	0.0	1.0	17.0	47
24.7	57.7	6848.3	425.0	-22.8	-67.0	254.1	31.5	30.4	8.7	319.8	323.1	1.0	49.9	17.3	51
26.2	57.7	7300.3	400.0	-25.6	-69.4	247.8	34.4	31.9	13.0	321.7	324.5	0.8	70.3	22.2	54
27.9	73.1	7858.5	375.0	-28.7	-74.6	240.7	37.4	32.6	14.3	323.6	325.5	0.8	54.4	25.3	56
29.4	73.4	8365.0	350.0	-32.4	-74.2	240.7	37.2	33.1	17.1	325.0	325.5	0.5	64.6	27.2	58
31.2	77.0	8844.6	325.0	-36.0	-73.1	250.3	37.2	34.0	12.6	327.1	327.1	0.0	1.0	31.7	57
33.1	93.4	9415.8	330.0	-36.9	99.0	252.9	42.9	42.0	12.0	328.8	328.8	99.9	99.9	37.5	59
35.4	98.4	10044.7	275.0	-45.1	30.9	253.4	44.5	42.6	12.7	329.8	329.8	99.9	99.9	43.5	61
37.5	98.5	13734.2	250.0	-50.5	93.9	253.4	45.1	43.2	12.9	331.1	329.9	99.9	99.9	47.2	62
40.1	97.7	11171.1	250.0	-52.4	69.9	260.3	44.7	44.0	7.8	330.2	329.9	99.9	99.9	55.9	64
42.9	97.7	12074.4	200.0	-54.9	69.9	262.9	52.9	52.9	6.5	340.1	329.9	99.9	99.9	63.6	66
45.3	102.2	12211.9	175.0	-57.6	69.9	262.1	47.7	47.3	6.6	346.4	329.9	99.9	99.9	72.3	68
48.1	107.6	13895.9	150.0	-61.8	93.9	248.8	41.0	42.9	14.6	357.7	329.9	99.9	99.9	81.4	69
51.1	113.6	14934.1	125.0	-64.1	93.9	257.2	44.7	43.6	9.9	371.8	329.9	99.9	99.9	92.1	69
57.7	120.3	15355.2	100.0	-68.0	93.9	249.0	34.7	34.7	1.2	426.2	329.9	99.9	99.9	121.6	71
59.4	120.3	15700.8	75.0	-68.5	93.9	236.5	16.0	13.4	8.1	426.2	329.9	99.9	99.9	111.1	72
71.0	137.7	23525.4	50.0	-73.9	99.9	248.8	12.7	11.8	4.6	440.1	329.9	99.9	99.9	117.1	71
83.0	140.0	24034.5	25.0	-84.5	99.9	247.9	12.4	11.5	4.7	445.4	329.9	99.9	99.9	123.5	72

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
10 APRIL 1970
1705 GMT

TIME MVA	CNTCT	HEIGHT GM	WTS LB	TEMP DE C	DIR DE C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DE K	E POT Y DE K	WV CM/KG	WV CM/KG	RANGE KM	AZ DE
2.3	6.3	5.0	1007.5	21.7	19.4	130.0	6.2	3.1	294.2	331.1	14.3	87.0	0.0	0.0
2.3	7.0	70.9	1020.0	21.0	19.2	135.2	6.9	4.9	294.2	330.5	14.2	86.1	0.2	292
2.9	9.0	290.3	975.0	19.1	17.1	137.6	6.6	6.4	294.6	329.5	13.5	83.7	0.3	293
1.5	11.1	516.1	945.0	18.2	17.3	142.4	11.6	-7.1	295.7	320.1	13.2	84.1	7.9	312
2.3	13.3	762.7	925.0	16.4	16.9	145.4	12.9	-7.1	296.1	320.7	11.0	91.0	1.3	312
2.2	15.4	976.6	912.5	15.4	17.6	149.6	18.1	-7.6	297.4	320.5	11.0	92.1	2.3	312
4.2	17.4	1215.7	975.0	15.9	1.2	164.1	15.9	-4.4	300.3	313.8	4.8	92.1	2.3	321
5.1	17.4	1441.6	950.0	15.5	2.9	172.9	17.2	-2.2	302.7	318.9	5.7	37.5	1.3	325
5.3	22.1	1716.7	925.0	14.2	4.5	175.7	18.3	-1.4	303.7	318.9	7.4	41.1	3.9	321
5.9	24.4	1976.4	775.0	11.7	1.9	188.6	18.6	0.4	305.0	319.4	9.0	59.9	4.7	334
7.3	25.5	2240.8	755.0	11.7	1.9	188.6	18.6	0.4	305.0	319.4	9.7	51.5	6.5	344
8.9	29.3	2516.4	750.0	12.9	-14.0	198.9	17.6	2.8	306.4	322.8	10.7	13.0	7.5	345
10.0	31.4	2793.2	725.0	10.9	-13.1	202.9	17.1	6.6	311.4	317.0	1.9	17.0	8.5	352
11.1	33.3	3093.2	735.0	7.3	-13.4	203.1	15.9	6.3	311.4	317.0	1.9	17.0	8.5	352
12.2	35.2	3337.7	675.0	5.2	-13.6	199.2	14.6	4.8	311.4	317.0	1.9	17.0	8.5	352
13.2	36.7	3606.4	653.0	2.4	-11.7	197.3	13.0	3.8	311.4	317.0	1.9	17.0	8.5	352
14.1	41.3	4302.6	625.0	-0.7	-11.2	200.4	10.9	3.8	311.4	317.0	1.9	17.0	8.5	352
15.2	43.5	4337.8	600.0	-0.2	-10.9	204.6	9.7	3.8	311.4	317.0	1.9	17.0	8.5	352
16.3	45.5	4677.9	575.0	-2.2	-9.0	216.3	12.1	7.2	311.4	317.0	1.9	17.0	8.5	352
17.5	49.2	5214.0	557.0	-4.5	-10.6	213.4	12.4	11.0	311.4	317.0	1.9	17.0	8.5	352
18.7	52.3	5776.1	525.0	-7.3	-12.1	214.2	10.2	13.4	311.4	317.0	1.9	17.0	8.5	352
21.2	57.3	6422.0	475.0	-11.6	-12.1	223.4	31.0	16.4	311.4	317.0	1.9	17.0	8.5	352
22.3	57.9	6557.8	450.0	-14.2	-15.1	223.4	31.0	21.3	311.4	317.0	1.9	17.0	8.5	352
23.3	58.3	6777.6	425.0	-17.0	-20.6	233.2	32.3	25.8	311.4	317.0	1.9	17.0	8.5	352
25.2	57.1	7424.9	400.0	-19.9	-24.5	238.3	33.6	28.6	311.4	317.0	1.9	17.0	8.5	352
26.7	73.4	7524.4	374.0	-21.7	-24.2	238.1	31.6	27.1	311.4	317.0	1.9	17.0	8.5	352
28.1	74.9	8258.4	350.0	-26.6	-32.3	238.0	30.5	26.2	311.4	317.0	1.9	17.0	8.5	352
29.1	76.4	8598.4	325.0	-35.3	-32.3	248.1	31.4	28.7	311.4	317.0	1.9	17.0	8.5	352
31.5	81.1	9611.9	275.0	-44.0	-42.2	248.0	39.6	36.2	311.4	317.0	1.9	17.0	8.5	352
33.9	83.0	10503.5	250.0	-44.4	-40.9	248.1	49.6	44.9	311.4	317.0	1.9	17.0	8.5	352
35.3	84.2	10511.7	250.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
37.3	84.2	1126.3	225.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
41.3	84.3	1126.3	225.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
43.1	84.3	1232.6	200.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
47.3	84.3	1336.3	175.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
51.3	84.3	1336.3	150.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
53.4	84.3	1336.3	125.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
55.4	84.3	1336.3	100.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
57.4	84.3	1336.3	75.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
59.4	84.3	1336.3	50.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
61.4	84.3	1336.3	25.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352
63.4	84.3	1336.3	25.0	-45.0	-40.9	248.1	51.3	44.9	311.4	317.0	1.9	17.0	8.5	352

* 3V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* 3V TEMP MEANS TEMPERATURE ON TEMP HAVE BEEN INTERPOLATED
* 3V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
10 APRIL 1979
2003 GMT

TIME MIN	CNTC*	WPGHT GDM	PR'S MB	TEMP DEG C	DEW PT DEG C	DIF DEG	SPE ID M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	POT T DEG K	POT T DEG K	MX STD CM/SEC	RM PCT	RANGE KM	AZ DEG
303	003	503	1005.2	23.0	23.0	143.0	9.3	-5.0	7.1	294.6	335.4	335.4	14.9	79.0	0.0	0
304	004	504	1000.0	22.6	22.6	144.9	10.8	-5.2	9.9	295.8	335.1	335.1	15.2	86.7	0.2	330
305	005	270.9	975.0	20.3	19.4	145.2	12.5	-5.6	14.6	295.9	336.2	336.2	14.7	93.4	0.5	320
306	006	495.5	950.0	19.3	18.4	144.1	14.7	-6.4	13.2	294.7	335.8	335.8	14.2	98.6	1.1	325
307	007	725.3	925.0	17.9	16.9	150.9	15.3	-5.0	14.4	297.7	336.6	336.6	13.3	93.9	1.0	330
308	008	1201.4	910.0	16.0	15.2	165.0	16.0	-4.2	15.5	299.9	336.5	336.5	13.0	95.4	2.5	335
309	009	1447.5	875.0	15.5	12.6	172.2	15.3	-4.1	15.2	299.9	336.5	336.5	10.7	93.6	3.2	330
310	010	1731.4	835.0	14.7	9.1	179.8	15.9	-4.0	15.9	303.5	336.6	336.6	9.0	97.4	3.9	340
311	011	1961.7	810.0	13.2	5.2	178.9	17.1	-4.0	17.1	304.8	336.6	336.6	6.7	90.4	4.7	345
312	012	2226.1	775.0	10.9	5.6	177.0	17.4	-4.5	17.5	305.2	336.1	336.1	7.5	92.5	5.5	340
313	013	2401.3	750.0	8.6	4.1	177.2	17.7	-4.9	17.6	306.4	336.4	336.4	7.5	79.3	6.4	345
314	014	2743.8	725.0	5.3	-2.7	176.5	17.2	-4.1	17.2	306.4	336.3	336.3	6.9	71.3	7.6	350
315	015	3047.7	710.0	5.3	-31.5	179.7	16.0	-4.1	16.0	309.4	336.9	336.9	4.4	52.7	9.7	355
316	016	3260.0	675.0	4.5	-47.1	166.5	15.5	-4.7	15.7	310.7	336.0	336.0	0.1	5.9	9.7	350
317	017	3473.6	650.0	3.4	-47.0	150.2	15.9	-4.9	15.4	312.8	336.1	336.1	0.1	1.0	11.5	355
318	018	3694.9	625.0	0.6	-49.6	155.6	16.7	-4.5	16.1	313.1	336.4	336.4	0.1	1.0	12.5	355
319	019	4015.1	600.0	-0.9	-51.4	158.9	21.0	-4.8	19.9	315.2	336.1	336.1	0.1	4.5	13.9	355
320	020	4315.7	575.0	-3.4	-54.9	159.7	23.7	-4.9	21.6	316.0	336.4	336.4	1.4	25.4	15.2	350
321	021	4506.3	550.0	-6.7	-57.2	211.8	27.4	-4.4	23.3	316.4	326.0	326.0	2.7	43.1	17.1	35
322	022	4700.4	525.0	-9.0	-59.0	217.1	29.8	-4.9	23.7	317.6	326.9	326.9	2.3	62.4	19.2	30
323	023	4894.9	500.0	-12.1	-61.6	224.5	29.5	-4.9	21.9	318.3	326.5	326.5	1.9	63.3	21.3	15
324	024	5112.2	475.0	-15.3	-63.5	228.1	29.3	-4.9	18.2	319.1	326.1	326.1	1.6	64.1	23.4	10
325	025	5356.1	450.0	-18.8	-65.9	229.9	31.0	-4.7	20.0	320.0	326.8	326.8	1.5	75.3	25.5	15
326	026	5546.9	425.0	-21.6	-68.3	230.9	34.2	-4.5	20.4	321.1	326.4	326.4	1.0	95.7	27.9	20
327	027	5737.7	400.0	-25.4	-71.0	232.8	36.0	-4.7	21.7	322.9	326.3	326.3	0.7	95.7	30.5	25
328	028	5930.1	375.0	-28.6	-73.3	232.8	41.4	-4.0	21.2	323.7	326.6	326.6	0.2	95.7	32.2	20
329	029	6125.2	350.0	-31.9	-75.0	232.8	41.4	-3.4	21.9	325.5	326.0	326.0	0.0	1.0	34.7	25
330	030	6322.2	325.0	-35.8	-77.0	231.7	39.0	-3.1	18.9	327.3	326.4	326.4	0.0	1.0	40.1	30
331	031	6522.2	300.0	-40.7	-80.0	232.9	46.0	-4.2	21.5	329.4	326.9	326.9	99.9	99.9	44.3	35
332	032	6725.0	275.0	-44.4	-83.9	239.4	53.6	-4.6	21.2	330.7	326.9	326.9	99.9	99.9	50.7	30
333	033	6930.0	250.0	-48.0	-87.9	242.5	54.7	-4.8	21.2	331.7	326.9	326.9	99.9	99.9	57.3	40
334	034	7134.0	225.0	-51.4	-91.9	245.7	54.8	-4.8	21.4	332.6	326.9	326.9	99.9	99.9	64.3	45
335	035	7340.6	200.0	-54.2	-95.9	245.7	61.8	-5.4	21.4	333.6	326.9	326.9	99.9	99.9	72.3	40
336	036	7549.9	175.0	-58.2	-99.9	250.7	55.0	-5.2	19.7	334.6	326.9	326.9	99.9	99.9	82.9	40
337	037	7762.2	150.0	-60.5	-103.9	251.3	50.1	-4.7	16.3	335.9	326.9	326.9	99.9	99.9	93.0	35
338	038	7978.5	125.0	-62.5	-107.9	252.0	45.0	-4.4	14.1	337.0	326.9	326.9	99.9	99.9	103.4	30
339	039	8198.1	100.0	-64.5	-111.9	252.6	33.8	-3.2	10.0	337.0	326.9	326.9	99.9	99.9	113.1	25
340	040	8420.1	75.0	-66.6	-115.9	253.3	16.7	-1.6	4.8	427.0	965.9	965.9	99.9	99.9	121.0	20
341	041	8645.4	50.0	-69.5	-119.9	252.8	7.3	-2.8	6.5	503.2	999.9	999.9	99.9	99.9	126.3	15
342	042	8873.1	25.0	-72.5	-123.9	999.9	999.9	99.9	99.9	648.0	999.9	999.9	99.9	99.9	131.3	10

* JV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* JV MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED

** JV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 808
LAKE CHARLES, LOUISIANA

10 APRIL 1978
8:00 AM

TIME MIN	CNTCT	HEIGHT CM	WVS MB	TEMP DEG C	DW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	POT T DEG K	E POT T DEG K	WZ MTO CM/KG	WH PCT	RANGE KM	AZ DEG
0.0	6.9	5.0	1003.2	23.3	21.0	190.0	7.7	-3.9	6.7	295.2	295.2	317.3	15.9	97.0	0.0	0
0.1	7.1	33.0	1070.0	22.6	20.7	150.1	10.8	-4.7	9.0	295.8	295.8	318.9	15.6	97.9	0.0	337
1.0	9.2	293.0	1070.0	22.6	19.4	150.1	14.0	-4.7	13.1	295.8	295.8	318.9	14.7	98.6	0.0	336
1.3	1.3	478.0	957.0	15.8	19.8	160.6	16.3	-3.2	16.0	297.4	297.4	318.9	14.5	98.3	1.0	337
2.7	13.5	709.1	925.0	10.9	17.0	183.3	18.0	1.0	18.0	298.2	298.2	318.9	13.6	98.0	2.4	340
3.4	15.7	944.5	905.0	17.5	16.3	190.4	19.7	5.6	18.9	299.5	299.5	318.9	13.1	98.0	3.4	340
6.1	17.9	1105.6	875.0	17.0	13.3	200.3	19.4	4.7	18.2	301.5	301.5	318.9	11.5	98.7	4.1	350
8.5	23.2	1433.6	850.0	16.7	9.5	190.7	15.8	4.5	15.1	303.7	303.7	318.9	7.6	98.3	4.7	350
3.4	22.5	1637.6	825.0	15.6	9.5	186.8	15.2	1.8	15.1	305.4	305.4	318.9	4.8	98.1	5.3	1
6.2	24.9	1649.2	870.0	13.7	5.7	180.0	13.8	1.0	13.8	305.7	305.7	318.9	7.2	98.7	5.0	1
7.2	27.2	2215.1	775.0	11.3	9.6	180.0	15.2	1.6	15.1	305.9	305.9	318.9	9.1	98.6	6.9	1
3.1	23.5	2489.7	750.0	9.2	7.3	180.3	16.7	1.8	16.6	306.4	306.4	318.9	4.6	98.9	7.7	2
31.3	34.4	3357.8	725.0	7.2	5.0	189.3	16.3	2.3	15.1	307.3	307.3	318.9	7.6	98.9	8.0	2
13.3	36.4	3358.8	705.0	5.0	2.2	200.1	17.9	6.2	16.8	309.1	309.1	318.9	6.4	98.1	9.8	4
1.3	35.0	3358.8	675.0	3.7	2.8	212.5	22.0	11.8	18.5	309.6	309.6	318.9	7.0	98.6	11.0	6
12.3	37.4	3851.2	650.0	2.7	3.6	225.8	24.5	16.0	18.5	311.2	311.2	318.9	6.2	98.4	12.3	10
13.4	42.3	3977.4	625.0	0.6	-2.9	225.7	22.8	16.3	15.9	313.1	313.1	318.9	5.0	97.9	13.5	14
14.5	44.4	4374.5	600.0	-1.6	-2.9	223.2	23.4	16.0	17.0	314.0	314.0	318.9	5.2	92.5	14.3	17
15.5	47.2	4641.2	575.0	-1.5	-23.6	224.5	26.2	18.4	18.7	313.0	313.0	318.9	1.0	22.4	15.3	19
15.5	50.7	4900.7	550.0	-6.4	-27.2	226.2	25.5	19.3	16.7	316.7	316.7	318.9	5.7	17.5	17.7	21
15.3	52.0	5311.6	525.0	-9.2	-24.1	227.5	27.6	20.4	19.6	317.3	317.3	318.9	0.7	20.5	19.5	24
15.3	55.7	5726.9	500.0	-12.2	-24.7	223.4	28.2	19.4	23.4	319.2	319.2	318.9	1.2	14.5	21.7	27
20.3	57.4	5116.7	475.0	-15.5	-40.2	224.1	29.1	20.3	20.3	318.2	318.2	318.9	0.7	10.9	24.9	29
24.3	51.4	5522.3	450.0	-18.4	-61.7	229.2	29.6	22.4	19.4	320.0	320.0	318.9	0.0	1.0	26.4	30
24.3	64.3	6066.0	425.0	-21.9	-61.6	227.7	33.9	25.1	22.8	321.5	321.5	318.9	0.0	1.0	28.3	32
25.7	59.0	7380.7	400.0	-24.3	-64.5	228.6	35.1	26.4	23.2	323.4	323.4	318.9	0.0	1.0	29.3	34
27.4	71.3	7480.9	375.0	-28.3	-59.0	236.3	34.3	27.9	20.0	324.2	324.2	318.9	0.0	1.0	31.3	36
29.1	74.7	9367.3	350.0	-32.3	-51.4	240.2	37.7	32.7	19.7	325.2	325.2	318.9	0.2	22.3	32.4	37
33.9	73.3	9555.3	325.0	-36.2	-73.1	241.9	45.7	40.3	21.5	327.1	327.1	318.9	0.0	1.0	34.8	40
33.9	82.3	7417.9	325.0	-42.1	93.9	240.3	52.5	45.6	20.0	324.9	324.9	318.9	0.0	99.9	42.3	42
33.9	85.4	10006.4	275.0	-44.4	94.3	240.6	55.7	48.5	27.3	330.7	330.7	318.9	0.0	99.9	44.8	44
37.3	30.3	13537.9	250.0	-45.2	93.9	242.6	53.9	47.9	24.9	332.9	332.9	318.9	0.0	99.9	46.3	46
43.3	34.3	11326.9	225.0	-41.6	99.9	243.6	56.8	50.9	25.1	339.4	339.4	318.9	0.0	99.9	47.8	47
43.3	37.3	12546.2	200.0	-44.6	99.9	244.6	65.6	59.3	25.1	346.4	346.4	318.9	0.0	99.9	49.3	49
45.2	104.2	12972.7	175.0	-48.7	99.9	250.7	65.9	56.6	19.8	354.3	354.3	318.9	0.0	99.9	50.3	50
47.7	104.5	13905.4	150.0	-48.7	99.9	244.6	58.5	52.9	16.2	368.9	368.9	318.9	0.0	99.9	51.3	51
53.4	115.5	14928.3	125.0	-37.0	99.9	250.6	46.8	46.0	16.2	371.8	371.8	318.9	0.0	99.9	51.6	51
53.1	124.5	15372.3	100.0	-45.3	99.9	248.2	32.2	29.3	11.9	394.0	394.0	318.9	0.0	99.9	52.9	52
53.9	130.5	14705.1	75.0	-45.1	99.9	205.5	25.9	11.6	23.2	424.0	424.0	318.9	0.0	99.9	53.6	53
71.3	143.5	2375.4	50.0	-43.6	99.9	175.9	11.8	-0.8	11.8	500.6	500.6	318.9	0.0	99.9	54.2	54
84.3	152.5	25012.7	25.0	-47.3	99.9	269.2	11.0	11.3	0.2	640.0	640.0	318.9	0.0	99.9	54.5	54

0.5 FT SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

0.5 FT WIND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

0.5 FT SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
11 APRIL 1979
205 GMT

TIME MIN	ENCT	HEIGHT GPN	PHES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
0.3	6.7	5.0	1033.9	22.2	21.0	153.0	8.2	-8.1	7.1	295.0	335.9	15.8	93.0	0.0	0.
2.3	7.0	38.9	1000.0	20.5	20.8	156.6	23.0	-8.3	22.3	294.6	335.2	15.7	96.0	0.5	331.
4.3	9.1	27.2	975.0	20.3	19.8	159.4	19.2	-8.8	19.0	295.6	334.7	15.1	96.6	1.1	348.
6.3	11.3	83.0	950.0	19.1	19.3	170.2	16.2	-2.7	15.9	296.5	333.4	14.1	95.7	1.9	362.
8.3	13.4	71.4	925.0	18.2	18.3	185.2	17.1	1.4	17.1	297.9	327.6	11.2	74.4	2.5	367.
10.3	15.5	34.0	900.0	18.9	18.6	186.0	17.2	1.5	17.1	300.9	332.8	11.9	77.5	3.2	351.
12.3	17.9	1101.3	975.0	17.0	16.7	186.5	18.7	2.1	18.5	302.4	335.2	12.2	81.7	4.1	354.
14.3	20.2	1439.5	950.0	16.0	15.3	185.2	18.7	1.7	18.6	302.9	335.9	12.2	79.9	5.1	357.
16.3	22.4	1408.7	925.0	14.4	13.0	190.9	18.4	0.3	19.4	304.0	334.4	11.5	70.3	6.3	359.
18.3	24.4	1453.9	900.0	12.7	11.2	177.8	18.8	-8.7	18.4	304.7	333.5	10.5	70.9	7.1	359.
20.3	26.2	2223.7	775.0	11.4	9.4	178.9	18.6	-8.4	18.6	306.0	332.7	9.6	47.7	8.2	359.
22.3	28.7	2438.3	750.0	9.9	7.9	184.0	17.9	1.3	17.9	307.2	332.2	8.9	97.6	9.2	359.
24.3	30.7	2776.2	725.0	7.8	6.0	192.4	16.8	3.6	16.4	309.0	330.9	9.2	89.9	10.2	359.
26.3	32.4	3065.5	700.0	5.9	4.0	201.4	17.6	6.4	16.4	309.0	329.8	7.1	87.3	11.2	1.
28.3	34.9	3345.2	675.0	5.1	-1.2	209.6	18.1	8.0	15.7	311.4	324.7	5.2	63.9	12.2	3.
30.3	37.4	3673.9	650.0	3.3	-4.6	214.3	18.0	10.1	14.0	312.3	323.2	3.6	49.4	13.4	6.
32.3	40.1	4047.4	625.0	2.9	-7.3	217.2	20.0	12.1	16.0	315.9	317.4	0.8	4.7	14.9	9.
34.3	42.7	4315.4	600.0	-0.7	-10.3	222.2	21.9	14.7	16.3	316.4	316.7	1.0	15.9	16.1	12.
36.3	45.2	4578.1	575.0	-2.4	-13.7	227.2	24.5	17.9	16.6	316.7	317.1	0.1	2.1	17.5	15.
38.3	47.4	4848.1	550.0	-5.2	-16.9	228.3	25.6	19.1	17.1	316.7	317.4	0.3	6.1	19.3	17.
40.3	49.2	5115.9	525.0	-7.9	-19.4	233.7	22.9	18.4	13.6	319.9	319.1	2.0	1.0	20.5	20.
42.3	51.3	5385.2	500.0	-11.4	-22.3	237.5	22.6	18.1	13.4	319.9	319.0	2.0	1.0	22.3	23.
44.3	53.4	5654.3	475.0	-14.3	-25.0	231.0	25.0	19.4	15.7	320.2	320.4	0.0	1.0	23.7	25.
46.3	55.7	5923.4	450.0	-17.4	-28.0	233.6	25.9	20.3	15.4	321.3	321.4	0.0	1.0	25.9	27.
48.3	57.9	6192.5	425.0	-20.6	-30.2	237.1	28.0	24.0	15.5	322.2	322.3	0.0	1.0	27.9	30.
50.3	60.2	6461.6	400.0	-24.7	-34.7	233.3	29.0	23.2	17.3	323.0	323.0	0.0	1.0	30.2	32.
52.3	62.5	6730.7	375.0	-28.4	-38.2	231.1	29.8	23.2	18.7	323.8	323.8	0.0	1.0	32.5	33.
54.3	64.8	7000.0	350.0	-32.7	-41.0	238.0	32.4	27.7	14.7	324.6	324.6	0.0	1.0	34.8	35.
56.3	67.1	7269.1	325.0	-36.9	-44.2	245.1	43.2	30.5	14.9	327.2	327.2	0.0	1.0	37.5	37.
58.3	69.4	7538.2	300.0	-41.3	-47.9	245.4	46.4	42.2	19.3	330.3	330.4	0.0	1.0	42.7	43.
60.3	71.7	7807.3	275.0	-45.4	-50.9	242.0	51.9	45.9	24.7	332.5	332.5	99.9	99.9	43.3	43.
62.3	73.9	8076.4	250.0	-49.4	-54.4	246.1	53.4	48.9	21.7	334.1	334.1	99.9	99.9	45.4	45.
64.3	76.2	8345.5	225.0	-53.4	-57.9	245.7	61.9	50.4	25.4	338.3	338.3	99.9	99.9	47.4	47.
66.3	78.5	8614.6	200.0	-57.4	-60.9	248.2	62.4	50.3	23.3	353.9	353.9	99.9	99.9	49.4	49.
68.3	80.8	8883.7	175.0	-61.4	-63.9	249.3	65.0	48.6	19.1	366.2	366.2	99.9	99.9	51.4	51.
70.3	83.1	9152.8	150.0	-65.4	-67.9	247.4	47.1	43.5	19.1	373.5	373.5	99.9	99.9	53.4	53.
72.3	85.4	9421.9	125.0	-69.4	-71.9	249.7	44.3	35.2	11.9	392.6	392.6	99.9	99.9	55.4	55.
74.3	87.7	9691.0	100.0	-73.4	-75.9	231.7	34.3	18.0	14.2	425.3	425.3	99.9	99.9	57.4	57.
76.3	90.0	9960.1	75.0	-77.4	-79.9	231.7	22.9	18.0	9.9	498.4	498.4	99.9	99.9	59.4	59.
78.3	92.3	10229.2	50.0	-81.4	-83.9	196.8	10.7	-8.2	-3.7	665.4	665.4	99.9	99.9	61.4	61.
80.3	94.6	10498.3	25.0	-85.4	-87.9	19.3	3.9	-1.3	-3.7					63.4	63.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION 340
LAKE CHARLES, LA. BEAMA

TIME MIN	CNTCT	WEIGHT GPM	PRES HG	TEMP DEG C	DBA PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	HZ 870 CM/KG	RW PCT	RANGE KM	152	140	0
2.2	3.8	5.0	1032.9	22.2	21.0	150.9	7.7	-3.9	6.7	295.1	336.1	15.9	92.0	0.0	0.0	0.0	0.0
3.1	9.5	30.3	1000.0	22.0	20.9	150.4	13.6	-7.0	11.9	295.2	336.0	15.9	92.4	0.0	0.0	0.0	0.0
3.7	8.2	280.7	975.0	20.6	19.3	149.6	19.6	-9.9	16.9	295.7	335.7	15.9	93.4	0.0	0.0	0.0	0.0
1.3	11.1	475.3	950.0	19.0	18.0	134.3	23.9	-10.4	21.6	296.5	332.9	12.9	93.9	0.0	0.0	0.0	0.0
2.1	13.7	700.9	925.0	14.2	13.6	164.4	24.2	-0.5	23.3	296.0	330.7	12.9	93.7	0.0	0.0	0.0	0.0
3.3	15.4	940.7	925.0	17.7	15.4	167.7	24.1	-5.1	23.5	296.0	330.7	12.4	93.1	0.0	0.0	0.0	0.0
3.9	17.6	1121.4	875.0	16.5	15.3	172.5	20.1	-0.5	22.0	301.2	319.6	12.4	93.5	0.0	0.0	0.0	0.0
4.7	19.8	1420.0	850.0	17.3	16.8	176.4	17.5	-0.5	17.5	304.2	319.6	6.6	48.6	0.0	0.0	0.0	0.0
5.6	22.1	1693.5	825.0	15.3	15.3	176.4	17.5	-0.5	17.5	304.2	319.6	6.6	48.6	0.0	0.0	0.0	0.0
6.3	23.4	1944.1	825.0	15.3	15.3	176.4	17.5	-0.5	17.5	304.2	319.6	6.6	48.6	0.0	0.0	0.0	0.0
7.7	25.7	2211.3	775.0	11.2	11.2	176.4	17.5	-0.5	17.5	304.2	319.6	6.6	48.6	0.0	0.0	0.0	0.0
8.7	29.1	2495.4	750.0	10.9	10.9	176.4	17.5	-0.5	17.5	304.2	319.6	6.6	48.6	0.0	0.0	0.0	0.0
9.3	31.4	2785.0	725.0	10.7	10.7	176.4	17.5	-0.5	17.5	304.2	319.6	6.6	48.6	0.0	0.0	0.0	0.0
12.9	33.6	3349.0	700.0	9.7	9.7	201.6	17.4	4.4	15.9	308.4	328.7	9.7	97.6	0.0	0.0	0.0	0.0
11.9	36.4	3363.3	675.0	8.8	8.8	211.9	18.4	6.4	16.2	311.2	315.1	7.1	65.4	0.0	0.0	0.0	0.0
11.1	38.3	3672.2	650.0	6.0	6.0	222.0	17.4	9.7	15.6	313.2	315.1	1.3	11.9	0.0	0.0	0.0	0.0
14.2	41.4	3949.1	625.0	3.1	3.1	219.7	20.5	12.6	14.4	315.0	315.8	0.1	1.0	0.0	0.0	0.0	0.0
13.5	43.0	4134.4	600.0	1.1	1.1	221.6	19.3	12.6	14.4	315.0	315.8	0.1	1.0	0.0	0.0	0.0	0.0
15.9	45.7	4558.5	575.0	-1.9	-1.9	221.6	18.3	12.6	14.4	315.0	315.8	0.1	1.0	0.0	0.0	0.0	0.0
14.4	46.4	5039.5	550.0	-3.2	-3.2	223.2	18.4	13.0	13.2	317.4	317.4	0.1	1.0	0.0	0.0	0.0	0.0
17.3	52.2	5372.4	525.0	-5.2	-5.2	233.2	19.4	15.5	11.6	317.9	318.0	0.1	1.0	0.0	0.0	0.0	0.0
21.2	55.1	5740.8	500.0	-10.6	-10.6	233.2	21.4	17.2	12.1	318.3	318.7	0.0	1.0	0.0	0.0	0.0	0.0
21.5	51.0	6411.0	475.0	-14.1	-14.1	233.2	21.4	17.2	12.1	318.3	318.7	0.0	1.0	0.0	0.0	0.0	0.0
21.2	54.1	6671.4	450.0	-19.3	-19.3	225.7	21.5	15.4	14.5	320.2	320.2	0.0	1.0	0.0	0.0	0.0	0.0
22.3	57.4	7415.7	425.0	-21.7	-21.7	225.7	21.5	15.4	14.5	320.2	320.2	0.0	1.0	0.0	0.0	0.0	0.0
21.6	73.6	7880.6	375.0	-25.0	-25.0	237.5	21.9	16.1	13.0	321.1	321.2	0.0	1.0	0.0	0.0	0.0	0.0
32.4	74.0	9370.1	350.0	-26.0	-26.0	243.8	22.7	18.5	11.4	322.5	322.5	0.0	1.0	0.0	0.0	0.0	0.0
32.2	77.4	9887.9	325.0	-32.8	-32.8	241.5	27.0	20.7	10.0	323.2	323.2	0.0	1.0	0.0	0.0	0.0	0.0
34.1	91.3	9478.8	325.0	-36.9	-36.9	241.5	30.0	23.7	12.9	324.6	324.6	0.0	1.0	0.0	0.0	0.0	0.0
33.2	93.1	10044.3	300.0	-40.7	-40.7	236.4	35.2	25.0	16.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	275.0	-45.4	-45.4	236.4	37.7	29.0	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	250.0	-48.6	-48.6	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	225.0	-53.1	-53.1	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	200.0	-58.1	-58.1	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	175.0	-63.1	-63.1	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	150.0	-68.1	-68.1	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	125.0	-73.1	-73.1	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	100.0	-78.1	-78.1	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	75.0	-83.1	-83.1	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	50.0	-88.1	-88.1	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	25.0	-93.1	-93.1	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0
43.4	94.2	10244.3	0.0	-98.1	-98.1	236.4	37.7	31.2	19.4	325.0	325.0	0.0	1.0	0.0	0.0	0.0	0.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA
11 APRIL 1979
1105 GMT

TIME MIN	INTC*	HEIGHT GPM	PRES IN	TEMP DEG C	DW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTD G/SEC	SW PCT	RANGE KM	AZ DEG
30	50.4	5.0	1021.0	22.8	21.1	169.7	10.3	-3.4	9.4	295.8	337.1	15.3	90.0	0.3	0.
31	70.0	21.5	1030.0	21.4	20.1	157.3	23.5	-7.0	19.0	294.6	337.3	15.0	92.3	3.6	332.
32	70.0	241.5	975.0	20.7	19.6	157.9	21.0	-7.9	19.5	296.0	340.6	14.9	94.4	3.6	333.
33	11.1	447.3	950.0	19.4	18.4	159.7	23.7	-8.2	22.2	296.4	340.1	14.2	96.5	1.9	336.
34	13.4	664.8	935.0	18.1	17.3	163.7	24.1	-6.7	23.1	297.9	333.5	13.6	98.4	2.7	338.
35	13.7	731.0	920.0	16.3	15.8	173.7	20.7	-2.3	23.6	300.4	328.4	10.4	70.5	3.7	340.
36	17.9	1133.3	915.0	19.0	-8.2	176.2	18.9	-0.6	18.9	301.5	313.1	3.3	28.8	4.6	344.
37	20.2	1422.1	910.0	17.4	2.9	177.4	17.2	-0.8	17.2	304.4	320.3	7.9	38.7	5.4	346.
38	23.4	1674.2	905.0	15.0	7.3	177.0	17.1	-0.9	17.1	304.5	320.3	7.9	38.7	5.4	346.
39	24.3	1934.1	910.0	13.2	7.3	194.4	16.9	1.4	19.8	305.3	327.9	9.1	67.1	7.3	343.
40	26.2	2273.1	915.0	12.4	4.8	192.6	19.5	4.7	19.3	305.5	327.9	9.1	74.2	9.3	351.
41	26.3	2474.7	920.0	10.8	-1.1	184.9	18.9	4.9	18.2	308.0	321.6	4.7	48.3	7.3	355.
42	30.0	2774.4	925.0	10.0	-10.3	193.1	17.6	4.0	17.1	310.5	315.9	1.7	15.5	17.5	374.
43	30.4	3053.7	930.0	10.2	-4.6	200.3	15.3	5.3	14.4	313.6	314.2	0.1	1.0	11.4	354.
44	30.8	3351.1	935.0	8.2	-4.6	212.8	16.0	8.7	13.4	318.8	314.2	0.1	1.0	12.2	3.
45	30.4	3651.6	940.0	6.6	-4.9	224.5	17.6	12.4	12.6	314.5	315.9	0.1	1.0	13.0	3.
46	30.4	3951.1	945.0	3.7	-4.7	212.5	18.0	14.2	12.9	314.7	317.0	0.1	1.0	13.9	7.
47	30.4	4213.7	950.0	3.4	-4.2	233.2	19.8	15.9	11.3	317.1	317.4	0.1	1.0	14.7	10.
48	30.4	4473.3	955.0	-2.2	-4.3	233.2	21.7	17.1	13.3	317.4	317.6	0.1	1.0	15.9	14.
49	30.4	4733.0	960.0	-5.4	-5.4	233.2	22.7	18.2	13.5	317.7	317.7	0.0	1.0	16.9	17.
50	30.4	5033.0	965.0	-8.7	-5.4	233.2	22.2	18.4	12.4	317.6	317.7	0.0	1.0	17.9	20.
51	30.4	5333.0	970.0	-11.7	-5.4	233.2	22.6	16.4	12.5	317.9	318.9	0.0	1.0	18.9	23.
52	30.4	5633.0	975.0	-15.0	-5.4	218.4	21.7	13.4	12.6	320.1	320.2	0.0	1.0	20.1	24.
53	30.4	5933.0	980.0	-18.4	-5.4	218.4	19.9	12.6	15.4	320.7	320.7	0.0	1.0	21.1	26.
54	30.4	6233.0	985.0	-22.1	-5.4	218.4	18.9	12.6	18.4	320.7	320.7	0.0	1.0	22.1	27.
55	30.4	6533.0	990.0	-25.9	-5.4	220.9	20.1	13.7	18.4	320.7	320.7	0.0	1.0	23.1	29.
56	30.4	6833.0	995.0	-29.7	-5.4	230.8	25.4	19.6	16.0	324.7	324.7	0.0	1.0	24.1	30.
57	30.4	7133.0	1000.0	-33.0	-5.4	230.8	30.0	24.3	17.6	327.2	327.2	0.0	1.0	25.1	32.
58	30.4	7433.0	1005.0	-36.7	-5.4	230.8	35.3	28.6	20.6	329.7	329.7	0.0	1.0	26.1	34.
59	30.4	7733.0	1010.0	-40.2	-5.4	230.8	41.8	33.1	21.1	333.2	333.2	0.0	1.0	27.1	36.
60	30.4	8033.0	1015.0	-43.9	-5.4	230.8	47.5	40.9	24.2	335.8	335.8	0.0	1.0	28.1	38.
61	30.4	8333.0	1020.0	-47.6	-5.4	230.8	52.7	46.3	25.2	341.5	341.5	0.0	1.0	29.1	40.
62	30.4	8633.0	1025.0	-51.3	-5.4	230.8	55.9	46.9	30.6	351.7	351.7	0.0	1.0	30.1	42.
63	30.4	8933.0	1030.0	-55.0	-5.4	230.8	54.8	44.4	30.7	365.1	365.1	0.0	1.0	31.1	44.
64	30.4	9233.0	1035.0	-58.7	-5.4	230.8	51.8	44.7	25.3	374.0	374.0	0.0	1.0	32.1	46.
65	30.4	9533.0	1040.0	-62.4	-5.4	230.8	46.8	41.4	19.1	395.3	395.3	0.0	1.0	33.1	48.
66	30.4	9833.0	1045.0	-66.1	-5.4	230.8	43.2	38.6	14.0	425.3	425.3	0.0	1.0	34.1	50.
67	30.4	10133.0	1050.0	-69.8	-5.4	230.8	40.0	35.8	7.6	500.2	500.2	0.0	1.0	35.1	52.
68	30.4	10433.0	1055.0	-73.5	-5.4	230.8	36.8	33.0	-7.9	641.1	641.1	0.0	1.0	36.1	54.
69	30.4	10733.0	1060.0	-77.2	-5.4	230.8	33.6	30.2	-13.0						

* JV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* JV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* JV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS10 APRIL 1979
1120 GMT

TIME MVA	CNTCT	HEIGHT GPM	WINDS WS	TEMP DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MZ 970 CM/EC	RM PCY	RANGE KM	AZ DG
0.3	7.4	124.0	993.9	12.9	9.9	9.9	3.5	9.9	287.6	307.6	7.8	77.9	0.0	0.0
9.3	9.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	9.9	99.9	99.9	13.0	9.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	9.9	9.9
1.5	11.3	594.1	993.0	11.4	8.9	11.3	9.9	4.3	284.2	378.1	7.6	78.7	9.4	273.0
2.2	13.9	727.6	925.3	11.7	9.8	13.9	9.9	11.5	288.8	380.5	7.0	88.5	9.4	277.0
3.1	13.9	957.9	925.0	12.2	13.0	17.4	9.9	14.6	291.2	313.0	9.3	88.3	1.4	299.0
3.9	13.1	1193.4	975.0	12.4	12.4	18.0	14.0	12.7	291.1	322.8	10.3	103.4	1.9	322.0
4.7	20.4	1479.3	975.0	12.6	7.5	20.4	13.0	12.7	296.7	324.3	10.4	101.7	2.4	324.0
5.5	22.7	1690.4	975.0	12.3	7.7	21.6	14.1	12.1	299.4	326.5	7.9	71.5	2.4	312.0
5.6	26.2	1944.3	975.0	10.4	17.1	22.9	15.5	11.3	301.6	323.7	9.1	73.9	3.2	343.0
7.2	27.5	2212.5	975.0	6.6	9.7	22.4	16.3	12.4	302.3	324.9	9.9	97.9	3.5	353.0
9.3	33.1	2444.1	750.0	7.4	7.2	23.9	15.3	12.7	303.3	324.9	9.2	73.7	4.2	2.0
9.3	32.5	2747.4	725.0	5.9	5.8	23.3	15.7	13.5	304.0	328.3	8.6	98.9	4.7	10.0
9.3	35.1	3052.8	703.0	6.5	4.5	23.4	17.3	14.9	307.6	328.1	9.0	98.9	5.4	12.0
11.3	37.4	3366.9	675.0	3.7	2.9	23.2	20.2	17.0	309.0	329.0	7.0	98.9	6.3	22.0
11.9	42.4	3611.3	650.0	-1.7	-4.8	22.7	22.3	17.7	309.0	329.0	7.0	98.9	6.3	22.0
12.5	43.1	3922.4	625.0	-3.9	-11.2	23.3	22.7	17.5	307.1	317.6	3.0	55.9	7.5	32.0
13.4	43.9	4293.9	500.0	-5.5	-11.7	23.2	25.2	19.4	309.1	317.7	2.4	61.5	10.2	26.0
14.4	43.7	4614.4	575.0	-7.4	-13.4	23.7	26.8	21.8	311.4	316.6	1.0	25.4	11.7	38.0
15.4	51.5	4941.4	557.0	-9.9	-23.9	24.1	26.7	23.4	312.3	316.5	1.3	40.6	13.7	40.0
15.9	57.5	5198.2	525.0	-12.5	-40.1	24.5	28.2	24.0	313.3	316.5	0.9	22.3	15.1	43.0
16.3	57.7	5684.4	507.0	-14.9	-53.3	25.0	29.7	28.3	315.1	315.2	0.0	1.0	17.1	47.0
17.2	59.5	6074.9	475.0	-19.3	-61.6	25.9	29.6	28.3	315.1	315.4	0.0	1.0	17.1	52.0
20.5	53.9	6455.8	435.0	-21.3	-64.5	24.8	26.9	25.1	316.5	316.6	0.0	1.0	21.2	52.0
22.3	57.7	6805.6	425.0	-23.2	-68.5	24.5	28.3	25.3	319.5	319.4	0.0	1.0	23.3	53.0
23.4	73.3	7339.1	400.0	-24.9	-65.4	24.2	33.2	30.1	321.4	321.5	0.3	1.0	25.3	55.0
24.3	73.3	7801.8	375.0	-26.9	-69.1	24.6	34.6	30.1	322.1	322.2	0.0	1.0	25.3	55.0
25.3	77.4	8284.9	350.0	-44.5	-77.1	23.7	33.4	26.0	322.2	322.3	0.3	1.0	25.3	55.0
26.3	81.1	8711.5	325.0	-39.3	-72.9	23.6	37.4	31.3	322.6	322.6	99.9	99.9	35.4	56.0
27.5	93.2	9244.3	307.0	-43.9	-93.9	24.6	36.9	36.0	323.6	323.6	99.9	99.9	41.1	54.0
32.7	93.1	9825.4	275.0	-45.6	-95.9	24.6	48.6	44.9	327.8	327.8	99.9	99.9	46.7	54.0
37.9	93.7	10553.1	250.0	-50.4	-99.9	25.7	49.7	47.2	331.2	331.2	99.9	99.9	53.5	54.0
37.9	94.4	11233.3	225.0	-54.5	-99.9	25.6	47.2	45.8	334.4	334.4	99.9	99.9	60.5	51.0
38.4	106.4	11951.5	220.0	-57.7	-99.9	25.4	55.2	53.3	341.4	341.4	99.9	99.9	67.3	52.0
42.9	136.5	12922.3	175.0	-58.9	-99.9	25.4	53.0	51.1	352.7	352.7	99.9	99.9	74.4	54.0
45.1	116.4	13788.5	150.0	-67.1	-99.9	25.4	50.9	48.5	365.5	365.5	99.9	99.9	87.7	45.0
53.3	121.3	14917.9	125.0	-62.0	-99.9	25.2	48.9	47.7	381.2	381.2	99.9	99.9	98.9	67.0
57.1	129.4	16232.7	100.0	-64.5	-99.9	25.4	35.9	34.3	403.1	403.1	99.9	99.9	117.7	55.0
57.4	135.7	17046.0	75.0	-63.8	-99.9	24.9	24.2	21.5	439.2	439.2	99.9	99.9	117.7	55.0
65.5	160.7	23150.1	75.0	-60.9	-99.9	24.3	14.0	13.9	500.0	500.0	99.9	99.9	124.7	54.0
73.3	150.3	24357.1	35.0	-47.5	-99.9	99.9	99.9	99.9	648.4	648.4	99.9	99.9	134.4	53.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 ** BY S.D. MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

10 APRIL 1979
1400 GMT

TIME MIN	CHTY	HEIGHT GUM	PRES MB	TEMP DC C	DW PT DC C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DC K	E POT T DC K	WZ WTD G4/MG	BN MC	154 154	154 154	0 0
30	703	124.9	994.7	13.9	17.5	99.9	4.1	-4.1	0.2	297.6	309.4	7.1	90.0	0.0	0.0	0
30.5	99.3	99.3	1000.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
30.5	99.3	246.5	975.0	12.1	10.2	286.3	2.7	2.6	-3.9	297.4	309.2	9.1	90.0	0.0	0.0	0
30.5	11.4	533.5	950.0	10.1	3.6	123.9	5.6	-7.9	5.3	297.7	309.2	7.9	90.0	0.0	0.0	0
30.5	13.7	726.5	925.0	11.6	11.5	152.7	14.7	-5.7	13.0	291.2	315.4	9.3	90.0	0.0	0.0	0
30.5	10.1	95.2	917.0	17.5	13.2	169.9	14.6	-2.6	14.4	294.4	320.6	10.0	90.0	0.0	0.0	0
30.5	14.5	1134.0	875.0	14.0	1.6	192.0	13.5	4.0	13.0	298.3	312.0	4.9	90.0	0.0	0.0	0
30.5	21.7	1437.3	952.0	14.1	11.3	212.9	11.0	-6.6	13.3	322.9	327.9	10.0	90.0	0.0	0.0	0
30.5	23.9	1491.7	925.0	12.0	11.1	217.4	16.6	11.3	14.8	322.2	327.9	10.0	90.0	0.0	0.0	0
30.5	25.7	1491.7	925.0	11.4	9.3	220.0	16.1	12.3	14.7	303.3	327.6	9.6	90.0	0.0	0.0	0
30.5	27.4	1491.7	925.0	11.4	9.3	220.0	16.1	12.3	14.7	303.3	327.6	9.6	90.0	0.0	0.0	0
30.5	31.1	2494.7	750.0	7.9	-7.2	225.6	15.9	11.4	11.1	305.1	320.1	7.5	90.0	0.0	0.0	0
30.5	33.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	35.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	37.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	39.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	41.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	43.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	45.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	47.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	49.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	51.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	53.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	55.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	57.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	59.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	61.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	63.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	65.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	67.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	69.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	71.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	73.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	75.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	77.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	79.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	81.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	83.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	85.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	87.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	89.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	91.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	93.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	95.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	97.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0
30.5	99.4	2746.3	725.0	7.5	-5.1	225.6	16.3	11.0	12.0	307.6	319.5	3.4	90.0	0.0	0.0	0

BY SPEED MEANS ELEVATION ANGLE (SYSTEM 4 AND 10) DMC
BY TWS MEANS TEMPERATURE TO TWR HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LOUISIANA, TEXAS

10 APRIL 1978
1700 GMT

TIME MIN	CNTC	HEIGHT GPM	LR'S IN	TL °C	D.P. °C	D.S. °C	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T °C K	E POT T °C K	MR STO CM/KG	RM PCY	RANGE KM	AZ °C
303	900	1240	902.5	19.4	1.0	130.0	7.7	-5.9	4.9	203.2	319.4	10.2	71.0	0.0	0.
304	900	990	1097.5	19.4	1.0	130.0	9.9	-5.9	9.9	99.9	999.9	99.9	999.9	597.9	97.9
305	900	2740	975.0	18.7	1.2	131.5	11.7	-8.8	7.8	291.4	312.5	8.0	67.7	2.4	31.0
306	900	435.4	950.0	14.4	13.8	130.3	11.4	-8.8	9.7	291.4	314.3	9.4	79.6	1.1	31.0
307	1302	721.9	925.0	13.4	12.7	130.2	12.9	-8.4	11.2	293.2	315.9	10.2	91.5	1.7	31.0
308	1302	951.1	925.0	13.4	12.5	130.1	13.6	-8.4	11.2	295.8	322.9	10.2	91.4	2.3	32.0
309	1302	951.1	925.0	13.4	12.5	130.1	13.6	-8.4	11.2	295.8	322.9	10.2	91.4	2.3	32.0
310	1302	1124.3	875.0	14.4	9.2	130.1	13.4	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
311	1302	1458.9	875.0	14.4	7.6	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
312	1302	1651.1	825.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
313	1302	1848.9	775.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
314	1302	2214.8	775.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
315	1302	2744.2	725.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
316	1302	3024.1	700.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
317	1302	3359.6	675.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
318	1302	3695.1	650.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
319	1302	4030.6	625.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
320	1302	4366.1	600.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
321	1302	4701.6	575.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
322	1302	5037.1	550.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
323	1302	5372.6	525.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
324	1302	5708.1	500.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
325	1302	6043.6	475.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
326	1302	6379.1	450.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
327	1302	6714.6	425.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
328	1302	7050.1	400.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
329	1302	7385.6	375.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
330	1302	7721.1	350.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
331	1302	8056.6	325.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
332	1302	8392.1	300.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
333	1302	8727.6	275.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
334	1302	9063.1	250.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
335	1302	9398.6	225.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
336	1302	9734.1	200.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
337	1302	10069.6	175.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
338	1302	10405.1	150.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
339	1302	10740.6	125.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
340	1302	11076.1	100.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
341	1302	11411.6	75.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
342	1302	11747.1	50.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
343	1302	12082.6	25.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
344	1302	12418.1	0.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
345	1302	12753.6	-25.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
346	1302	13089.1	-50.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
347	1302	13424.6	-75.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
348	1302	13760.1	-100.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
349	1302	14095.6	-125.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
350	1302	14431.1	-150.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
351	1302	14766.6	-175.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
352	1302	15102.1	-200.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0
353	1302	15437.6	-225.0	14.4	7.2	130.1	13.2	-8.4	11.2	307.6	327.7	8.4	92.4	3.4	34.0

BY SPEED VS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS
10 APRIL 1979
2000 GMT

TIME MIN	CATC	HEIGHT GPM	PAZ MR	VRP DG C	DIM FT	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	POT Y DG K	MR STD CM/KG	SW PCT	RANGE M	AF DG
3.7	7.9	124.0	000.0	2.0	1.0	130.0	7.2	-3.5	4.0	200.9	331.3	12.4	63.0	9.0	0.
9.9	9.0	99.0	100.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
3.2	9.2	24.0	00.0	2.0	1.0	132.4	8.3	-0.1	5.0	200.9	320.9	11.9	63.9	9.4	32.0
1.1	11.5	474.0	000.0	20.5	15.5	138.2	10.8	-7.2	9.1	200.0	320.3	11.9	73.0	0.7	31.0
2.3	13.0	735.0	000.0	14.2	14.2	146.5	12.9	-7.1	10.5	200.0	320.3	11.9	82.4	1.4	32.0
2.3	13.3	930.7	000.0	16.5	15.0	157.0	14.7	-5.6	13.5	200.0	320.0	12.0	90.2	2.1	32.0
3.7	13.7	1172.9	000.0	14.0	16.5	167.0	17.2	-3.4	16.7	200.2	320.6	11.5	93.4	2.9	31.0
3.7	14.2	1475.0	000.0	13.2	17.3	171.0	18.9	-2.7	19.7	200.0	320.6	11.5	94.1	3.9	31.0
9.5	20.2	1674.7	000.0	11.4	17.4	177.4	19.5	-0.8	17.5	301.1	327.3	5.7	91.1	4.9	33.0
9.5	20.2	1974.3	000.0	10.2	17.7	184.6	21.4	1.7	21.3	301.1	326.4	9.7	90.7	9.0	34.0
7.3	21.7	2159.5	000.0	9.4	17.5	190.5	23.9	4.7	25.4	301.1	321.0	9.1	93.3	7.0	30.0
3.2	31.3	2473.4	000.0	9.6	17.0	194.7	24.0	6.1	27.2	300.0	319.9	4.9	91.6	0.3	35.0
3.2	31.7	2762.0	000.0	7.2	11.1	196.6	24.5	6.7	22.5	300.4	314.2	2.3	94.9	0.5	35.0
11.5	33.4	3030.9	000.0	5.5	11.0	199.6	23.8	7.6	22.5	310.1	319.2	3.0	94.9	11.1	31.0
12.0	33.7	3368.0	000.0	5.7	11.0	207.0	22.4	10.5	19.9	311.3	322.1	3.6	94.2	13.5	1.0
13.5	34.1	3644.1	000.0	5.9	11.0	212.1	20.2	13.9	22.2	313.0	322.4	3.1	93.6	13.7	4.0
14.7	34.3	3944.4	000.0	5.9	11.0	215.1	25.9	14.9	21.2	313.0	321.4	2.7	93.7	15.3	7.0
15.3	34.4	4275.0	000.0	11.7	12.3	222.4	21.6	14.7	19.9	314.4	322.1	2.4	94.7	16.5	12.0
15.3	34.4	4425.3	000.0	11.7	12.3	227.4	21.7	16.0	14.7	314.4	322.0	2.4	94.7	16.5	12.0
15.3	34.4	4634.7	000.0	11.7	12.3	235.3	25.3	18.0	16.4	315.1	324.5	3.1	94.7	16.5	12.0
15.3	34.4	4834.7	000.0	11.7	12.3	240.9	27.5	21.4	17.2	315.1	324.5	3.1	94.7	16.5	12.0
15.3	34.4	5034.7	000.0	11.7	12.3	246.9	27.5	22.5	15.9	316.1	320.0	1.2	94.7	20.9	19.0
15.3	34.4	5234.7	000.0	11.7	12.3	251.2	28.2	22.6	16.1	316.1	319.2	0.4	94.7	20.9	19.0
15.3	34.4	5434.7	000.0	11.7	12.3	256.6	27.7	21.7	16.2	317.0	318.7	0.2	94.7	20.9	19.0
15.3	34.4	5634.7	000.0	11.7	12.3	261.2	28.2	21.4	14.5	317.0	320.0	0.1	94.7	20.9	19.0
15.3	34.4	5834.7	000.0	11.7	12.3	266.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	6034.7	000.0	11.7	12.3	271.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	6234.7	000.0	11.7	12.3	276.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	6434.7	000.0	11.7	12.3	281.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	6634.7	000.0	11.7	12.3	286.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	6834.7	000.0	11.7	12.3	291.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	7034.7	000.0	11.7	12.3	296.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	7234.7	000.0	11.7	12.3	301.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	7434.7	000.0	11.7	12.3	306.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	7634.7	000.0	11.7	12.3	311.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	7834.7	000.0	11.7	12.3	316.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	8034.7	000.0	11.7	12.3	321.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	8234.7	000.0	11.7	12.3	326.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	8434.7	000.0	11.7	12.3	331.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	8634.7	000.0	11.7	12.3	336.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	8834.7	000.0	11.7	12.3	341.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	9034.7	000.0	11.7	12.3	346.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	9234.7	000.0	11.7	12.3	351.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	9434.7	000.0	11.7	12.3	356.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	9634.7	000.0	11.7	12.3	361.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	9834.7	000.0	11.7	12.3	366.6	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0
15.3	34.4	10034.7	000.0	11.7	12.3	371.2	28.2	20.2	20.3	320.7	321.2	0.1	94.7	20.9	19.0

0 BY SPEED MEAN ELEVATION ANGLE BETWEEN 5 AND 10 DEG
0 BY TEMP MEAN TEMPERATURE 0 TIME HAVE BEEN INTERPOLATED
0 BY SPEED MEAN ELEVATION ANGLE LESS THAN A DEG

STATION NO. 247
LONGVIEW, TEXAS

10 APRIL 1979
2305 GMT

TIME MIN	CNCT	HEIGHT GDM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T OJ K	MX STD GM/KG	RM PGY	RANGE KM	AZ OG
200	500	1200	986.3	25.0	15.6	100.0	7.7	-2.6	7.2	299.1	325.4	11.4	55.0	0.0	0
203	470	900	1000.0	55.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
204	470	220	975.0	24.0	15.1	155.5	13.2	-2.3	12.9	299.1	325.1	11.2	57.5	0.7	340
100	11.4	451.0	950.0	21.6	13.9	103.1	14.9	-4.3	14.2	299.1	327.4	10.5	61.4	0.7	340
107	13.7	632.7	925.0	19.4	12.6	120.3	15.2	-2.6	14.5	299.2	327.7	10.7	65.3	1.4	340
200	100.0	513.7	933.0	16.9	10.4	157.6	13.7	-2.0	13.4	299.0	328.0	10.9	73.9	2.2	340
305	130.0	1153.3	875.0	15.2	12.4	172.0	16.6	-2.3	16.4	299.6	327.6	10.4	73.0	3.7	340
403	210.1	1401.7	850.0	13.5	10.8	175.4	20.5	-1.7	20.3	300.3	325.4	9.6	53.7	3.9	340
503	314.5	1554.3	825.0	14.6	9.2	192.0	23.2	0.8	23.2	304.2	325.4	8.5	50.7	5.1	350
502	26.1	1415.1	831.0	13.2	8.4	184.3	22.9	2.5	22.8	305.2	325.4	7.3	61.0	6.4	350
702	214.9	2142.9	775.0	10.8	5.8	188.8	22.4	3.4	22.1	305.5	310.4	9.0	65.0	7.5	350
801	31.3	2450.2	750.0	9.6	7.2	190.9	22.4	3.4	22.1	306.2	310.1	9.5	65.0	7.5	350
902	31.3	2736.4	725.0	7.1	5.6	194.5	22.9	5.7	22.2	307.2	310.1	7.9	57.6	12.1	350
1002	300.0	3023.0	700.0	5.9	-10.7	193.4	21.5	5.9	22.8	309.0	310.1	3.1	37.6	11.7	10
1100	300.0	3323.5	675.0	5.7	-10.7	193.4	21.5	5.9	20.7	312.0	310.1	0.3	34.4	13.3	30
1200	300.0	3623.4	650.0	3.4	-23.0	215.9	20.6	10.5	17.7	313.3	310.2	0.9	11.3	14.7	50
1300	300.0	3923.4	625.0	2.2	-11.9	222.3	21.7	14.4	16.3	314.9	310.2	2.4	74.3	15.1	90
1400	300.0	4223.4	600.0	-0.8	-20.8	219.2	22.3	14.1	17.3	315.2	310.1	1.2	28.3	17.6	110
1500	300.0	4523.4	575.0	-3.4	-30.0	219.3	21.4	13.6	16.6	315.8	317.2	0.4	7.6	19.0	130
1600	300.0	4823.4	550.0	-6.3	-40.5	221.7	22.3	14.9	16.6	316.6	317.1	0.1	3.3	20.5	150
1700	300.0	5123.4	525.0	-9.3	-50.9	231.4	23.0	16.0	14.4	317.7	315.0	0.1	2.5	22.1	150
1800	300.0	5423.4	500.0	-12.6	-60.9	231.4	23.0	16.0	13.3	319.1	315.0	0.1	3.4	23.7	200
1900	300.0	5723.4	475.0	-16.1	-70.9	231.4	22.5	18.2	13.3	319.1	315.0	0.1	4.4	25.3	220
2000	300.0	6023.4	450.0	-20.0	-80.9	231.4	23.5	19.5	13.2	319.1	315.0	0.1	4.4	26.7	250
2100	300.0	6323.4	425.0	-23.2	-90.9	231.4	25.0	21.0	13.6	319.3	315.0	0.1	4.6	28.1	280
2200	300.0	6623.4	400.0	-26.7	-100.9	231.4	25.1	21.7	12.5	320.3	320.5	0.1	6.5	30.7	300
2300	300.0	6923.4	375.0	-30.0	-110.9	231.4	27.8	24.9	12.4	320.9	321.2	0.1	9.7	33.1	320
2400	300.0	7223.4	350.0	-33.0	-120.9	231.4	29.8	28.9	13.4	321.6	321.8	0.1	11.2	35.7	340
2500	300.0	7523.4	325.0	-36.0	-130.9	231.4	34.6	31.1	15.2	322.2	322.5	0.0	12.2	37.5	370
2600	300.0	7823.4	300.0	-41.0	-140.9	231.4	41.5	36.6	19.5	324.6	324.6	0.0	97.9	42.4	370
2700	300.0	8123.4	275.0	-46.0	-150.9	231.4	43.9	40.1	17.9	324.6	324.6	0.0	97.9	47.9	420
2800	300.0	8423.4	250.0	-50.0	-160.9	231.4	47.7	44.5	21.5	324.6	324.6	0.0	97.9	53.1	450
2900	300.0	8723.4	225.0	-54.0	-170.9	231.4	52.1	47.2	23.9	324.6	324.6	0.0	97.9	58.3	470
3000	300.0	9023.4	200.0	-58.0	-180.9	231.4	61.5	54.8	28.0	344.5	344.5	0.0	97.9	63.7	490
3100	300.0	9323.4	175.0	-62.0	-190.9	231.4	71.2	63.7	31.9	356.1	356.1	0.0	97.9	69.7	490
3200	300.0	9623.4	150.0	-66.0	-200.9	231.4	81.8	72.6	22.0	366.1	366.1	0.0	97.9	75.7	510
3300	300.0	9923.4	125.0	-70.0	-210.9	231.4	92.4	81.5	18.4	376.1	376.1	0.0	97.9	81.7	550
3400	300.0	10223.4	100.0	-74.0	-220.9	231.4	103.0	90.4	22.8	404.6	404.6	0.0	97.9	87.7	550
3500	300.0	10523.4	75.0	-78.0	-230.9	231.4	113.6	99.3	9.2	439.5	439.5	0.0	97.9	93.7	550
3600	300.0	10823.4	50.0	-82.0	-240.9	231.4	124.2	108.2	-4.4	473.9	473.9	0.0	97.9	99.7	550
3700	300.0	11123.4	25.0	-86.0	-250.9	231.4	134.8	117.1	12.1	507.7	507.7	0.0	97.9	105.7	550

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY 100 MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS11 APRIL 1979
215 GMT

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX GW/KG	SH PCT	RANGE KM	AZ DG
00	302	12400	995.6	21.7	17.5	150.0	1.0	-2.5	4.3	295.1	329.8	12.9	77.0	0.3	0
01	303	2900	1020.0	99.9	99.9	190.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	304	213.1	975.0	20.9	19.5	140.7	9.4	-4.8	9.1	295.2	332.4	13.9	95.3	0.4	320
03	10.4	443.3	950.0	19.7	19.4	150.5	14.6	-6.0	13.3	297.2	336.4	14.2	92.1	0.5	320
04	10.5	673.2	925.7	17.9	17.6	165.5	18.0	-4.7	19.2	297.6	337.0	13.9	98.4	1.9	315
05	10.6	929.0	900.0	16.5	16.2	175.9	21.0	-1.6	21.9	299.5	339.9	13.0	79.9	3.0	341
06	10.7	1159.4	875.0	15.5	15.2	182.8	24.2	1.2	24.2	302.0	337.5	12.6	97.4	4.2	347
07	21.4	1733.7	850.0	14.2	13.8	192.8	21.8	3.5	25.5	301.1	332.8	11.9	99.7	5.5	351
08	22.5	1678.8	825.3	14.4	13.9	193.5	27.6	6.4	28.9	303.2	337.0	12.2	95.9	7.3	350
09	28.5	1009.1	800.0	12.6	12.0	196.4	21.3	6.6	25.5	304.6	336.9	11.1	95.9	9.5	350
10	29.1	2173.5	775.0	10.4	9.3	196.1	21.6	7.3	24.0	305.2	331.7	9.4	92.0	10.1	10
11	31.4	2445.5	750.0	10.0	8.5	205.4	14.5	9.3	19.5	307.9	324.5	5.9	56.3	11.5	40
12	34.4	2730.1	725.0	10.0	8.2	215.8	14.5	10.9	19.0	310.4	313.0	0.6	5.4	12.5	70
13	37.2	3021.2	700.0	9.2	-44.3	217.2	14.5	11.8	15.6	312.7	313.0	0.1	1.0	13.9	90
14	40.4	3316.1	675.0	7.8	-45.1	218.5	15.8	12.6	15.2	314.6	316.7	0.1	1.0	15.1	120
15	42.4	3530.2	650.0	4.9	-45.9	220.7	16.3	13.1	12.7	316.6	316.7	0.1	1.0	16.4	150
16	44.4	3744.3	625.0	2.1	-46.4	232.4	16.7	14.8	11.4	318.9	315.2	0.1	1.0	17.2	170
17	46.4	3958.4	600.0	-0.7	-47.4	232.6	16.8	15.7	12.0	319.3	315.5	0.1	1.0	18.5	200
18	48.4	4172.5	575.0	-3.7	-48.3	229.9	21.3	16.3	13.7	315.6	315.9	0.1	1.0	20.1	220
19	50.4	4386.6	550.0	-6.4	-49.1	228.4	21.4	17.5	15.5	316.2	315.4	0.0	1.0	21.5	240
20	52.4	4600.7	525.0	-12.2	-50.4	227.7	24.0	17.9	16.1	316.2	316.3	0.0	1.0	23.0	260
21	54.4	4814.8	500.0	-17.0	-51.5	231.4	24.0	18.4	14.3	316.6	316.7	0.0	1.0	24.3	280
22	56.4	5028.9	475.0	-23.3	-52.9	235.8	24.0	23.1	12.5	317.0	317.0	0.0	1.0	25.7	300
23	58.4	5243.0	450.0	-27.4	-54.0	235.8	24.5	23.5	15.0	317.6	318.0	0.0	1.0	27.0	320
24	60.4	5457.1	425.0	-31.5	-55.0	239.8	31.3	26.2	15.2	319.7	319.7	0.0	1.0	28.4	340
25	62.4	5671.2	400.0	-35.6	-56.6	243.7	24.7	25.7	12.7	319.7	319.5	0.0	1.0	29.8	360
26	64.4	5885.3	375.0	-42.1	-57.6	246.6	31.6	27.5	15.5	320.7	320.7	0.0	1.0	31.2	380
27	66.4	6099.4	350.0	-48.1	-58.6	246.6	31.6	28.4	14.3	321.4	321.4	0.0	1.0	32.6	400
28	68.4	6313.5	325.0	-54.1	-59.6	246.6	31.6	28.4	13.2	321.4	321.4	0.0	1.0	34.0	420
29	70.4	6527.6	300.0	-60.1	-60.6	246.6	31.6	28.4	15.2	324.2	324.2	0.0	1.0	35.4	440
30	72.4	6741.7	275.0	-66.1	-61.6	246.6	31.6	28.4	21.6	331.2	331.2	0.0	1.0	36.8	460
31	74.4	6955.8	250.0	-72.1	-62.6	246.6	31.6	28.4	27.7	335.1	335.1	0.0	1.0	38.2	480
32	76.4	7169.9	225.0	-78.1	-63.6	246.6	31.6	28.4	28.8	342.3	342.3	0.0	1.0	39.6	500
33	78.4	7384.0	200.0	-84.1	-64.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	41.0	520
34	80.4	7598.1	175.0	-90.1	-65.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	42.4	540
35	82.4	7812.2	150.0	-96.1	-66.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	43.8	560
36	84.4	8026.3	125.0	-102.1	-67.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	45.2	580
37	86.4	8240.4	100.0	-108.1	-68.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	46.6	600
38	88.4	8454.5	75.0	-114.1	-69.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	48.0	620
39	90.4	8668.6	50.0	-120.1	-70.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	49.4	640
40	92.4	8882.7	25.0	-126.1	-71.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	50.8	660
41	94.4	9096.8	0.0	-132.1	-72.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	52.2	680
42	96.4	9310.9		-138.1	-73.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	53.6	700
43	98.4	9525.0		-144.1	-74.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	55.0	720
44	100.4	9739.1		-150.1	-75.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	56.4	740
45	102.4	9953.2		-156.1	-76.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	57.8	760
46	104.4	10167.3		-162.1	-77.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	59.2	780
47	106.4	10381.4		-168.1	-78.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	60.6	800
48	108.4	10595.5		-174.1	-79.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	62.0	820
49	110.4	10809.6		-180.1	-80.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	63.4	840
50	112.4	11023.7		-186.1	-81.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	64.8	860
51	114.4	11237.8		-192.1	-82.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	66.2	880
52	116.4	11451.9		-198.1	-83.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	67.6	900
53	118.4	11666.0		-204.1	-84.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	69.0	920
54	120.4	11880.1		-210.1	-85.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	70.4	940
55	122.4	12094.2		-216.1	-86.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	71.8	960
56	124.4	12308.3		-222.1	-87.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	73.2	980
57	126.4	12522.4		-228.1	-88.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	74.6	1000
58	128.4	12736.5		-234.1	-89.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	76.0	1020
59	130.4	12950.6		-240.1	-90.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	77.4	1040
60	132.4	13164.7		-246.1	-91.6	246.6	31.6	28.4	27.9	352.1	352.1	0.0	1.0	78.8	1060

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS11 APR/L 1979
505 GMT

TIME	CNTRY	HEIGHT GMS	PROFS NO	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT Y DG K	WX RTO CM/KG	RH PCY	RANGE KM	AZ DG
1	001	1200	98502	22.8	22.5	170.0	3.6	-0.4	3.5	207.2	338.1	15.	87.0	2.0	0.
0.3	99.9	10000	10000	96.9	96.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	9.9	2100	97500	21.5	21.0	162.6	9.6	-2.8	9.1	299.9	999.9	15.3	99.9	99.9	99.9
1.3	11.1	440.7	950.0	20.5	19.8	171.3	14.5	-2.1	14.3	299.0	338.7	15.5	95.9	9.9	14.9
2.2	13.3	671.4	925.0	17.5	19.1	176.1	18.8	-1.7	18.5	299.3	335.9	14.3	77.3	1.9	35.2
3.1	15.5	975.0	900.0	17.4	17.0	182.3	21.2	0.1	21.1	299.4	335.7	13.7	97.4	2.9	35.4
4.0	17.7	1149.2	875.0	16.4	15.0	181.5	23.1	0.7	23.1	300.9	336.2	13.2	97.8	4.0	35.4
4.7	19.2	1395.5	850.0	15.2	14.8	184.8	24.5	2.1	24.4	302.1	336.2	12.6	97.8	5.7	35.7
5.3	22.4	1649.1	825.0	14.2	13.8	190.1	27.2	4.7	26.7	303.6	336.7	12.2	97.9	6.4	35.0
5.9	24.5	1906.1	800.0	12.4	12.0	191.9	29.9	6.2	28.3	304.4	334.7	11.1	97.5	7.7	2.
6.4	26.4	2156.4	775.0	11.0	10.5	190.4	28.6	5.1	28.2	307.5	334.2	10.1	95.2	9.5	4.
6.9	28.4	2405.8	750.0	10.1	9.6	194.8	26.6	6.4	27.7	307.5	324.3	5.9	55.7	11.1	5.
7.3	31.4	2732.7	725.0	7.8	-37.7	201.8	22.1	9.2	20.5	309.1	310.9	3.6	5.7	13.5	5.
7.7	34.1	3013.0	700.0	7.7	-45.2	210.4	19.3	9.9	19.5	311.0	311.4	0.1	1.0	15.4	8.
8.1	36.4	3318.5	675.0	6.2	-46.1	214.4	18.8	10.6	18.5	312.6	312.9	0.1	1.0	17.4	10.
8.5	38.4	3625.9	650.0	4.7	-47.7	213.6	18.6	10.3	18.5	313.2	313.5	0.1	1.0	19.4	12.
8.9	40.4	3932.4	625.0	1.0	-49.3	214.5	18.2	12.2	17.7	313.7	313.9	0.1	1.0	21.4	14.
9.3	42.4	4239.2	600.0	-1.2	-50.7	220.3	24.5	15.9	18.7	314.7	315.0	0.1	1.0	23.4	16.
9.7	44.4	4546.5	575.0	-3.9	-52.4	225.5	24.4	17.4	17.1	315.5	315.7	0.0	1.0	25.4	18.
10.1	46.1	4853.9	550.0	-7.0	-54.4	224.7	25.1	17.6	17.9	315.8	315.9	0.0	1.0	27.4	20.
10.5	47.9	5161.5	525.0	-10.2	-56.4	220.8	26.2	17.1	19.8	316.1	316.3	0.0	1.0	29.4	22.
10.9	49.4	5469.0	500.0	-13.7	-58.4	224.4	26.1	18.6	18.3	316.3	316.4	0.0	1.0	31.4	24.
11.3	50.4	5776.5	475.0	-17.0	-60.7	228.6	26.2	18.6	18.3	316.3	316.4	0.0	1.0	33.4	26.
11.7	51.4	6084.1	450.0	-20.0	-62.6	233.8	31.0	25.0	18.3	316.1	316.2	0.0	1.0	35.4	28.
12.1	52.4	6391.6	425.0	-23.4	-64.9	231.5	34.9	24.2	18.2	319.0	319.0	0.0	1.0	37.4	30.
12.5	53.4	6699.2	400.0	-27.1	-67.4	228.7	34.0	25.4	22.5	319.5	319.6	0.0	1.0	39.4	32.
12.9	54.4	7006.5	375.0	-31.1	-69.8	231.0	31.6	24.6	19.9	320.4	320.4	0.1	94.7	41.4	34.
13.3	55.4	7313.8	350.0	-35.0	-73.0	234.1	32.4	24.2	19.0	321.5	321.6	0.3	3.9	43.4	36.
13.7	56.4	7621.1	325.0	-38.9	-75.4	240.4	37.3	32.4	18.4	322.6	322.6	0.0	3.9	45.4	38.
14.1	57.4	7928.4	300.0	-42.3	-77.4	246.4	41.9	38.4	18.8	323.4	323.4	0.0	99.9	47.4	40.
14.5	58.4	8235.7	275.0	-45.5	-79.0	248.4	46.8	43.5	17.1	324.4	324.4	0.0	99.9	49.4	42.
14.9	59.4	8543.0	250.0	-48.7	-81.7	250.1	42.7	40.1	18.5	325.3	325.3	0.0	99.9	51.4	44.
15.3	60.4	8850.3	225.0	-51.9	-84.9	243.7	54.2	49.6	18.0	331.1	331.1	0.0	99.9	53.4	46.
15.7	61.4	9157.6	200.0	-55.1	-87.4	243.7	55.9	50.1	24.4	341.9	341.9	0.0	99.9	55.4	48.
16.1	62.4	9464.9	175.0	-58.3	-90.9	241.6	60.6	53.3	28.9	346.4	346.4	0.0	99.9	57.4	50.
16.5	63.4	9772.2	150.0	-61.5	-93.9	244.5	66.6	46.4	28.1	356.5	356.5	0.0	99.9	59.4	52.
16.9	64.4	10079.5	125.0	-64.3	-96.9	240.3	56.7	49.2	28.1	366.4	366.4	0.0	99.9	61.4	54.
17.3	65.4	10386.8	100.0	-67.5	-99.9	241.0	31.9	-1.7	19.0	437.9	437.9	0.0	99.9	63.4	56.
17.7	66.4	10694.1	75.0	-70.7	-102.9	241.0	18.1	12.8	19.4	502.0	502.0	0.0	99.9	65.4	58.
18.1	67.4	10999.4	50.0	-73.9	-105.9	239.4	15.3	17.5	19.5	613.4	613.4	0.0	99.9	67.4	60.
18.5	68.4	11306.7	25.0	-77.1	-109.2	239.1	20.4	17.5	19.5	613.4	613.4	0.0	99.9	69.4	62.

* BY SUTD * ANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TWS * ANS TEMPERATURE 00 TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

11 APRIL 1979
003 GMT

TIME MIN	CUTCT	WEIGHT G/M	PRESS MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX WTD CM/KG	PH PCT	RANGE KM	AZ DEG
0.0	30.1	124.0	994.3	22.2	21.7	150.0	7.7	-3.9	6.7	255.7	337.8	15.8	91.9	0.7	0.
0.3	30.3	99.0	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	30.6	207.0	975.0	22.4	21.1	157.8	12.4	-4.7	11.5	297.7	340.5	15.4	92.7	2.4	135.
1.2	11.1	433.3	950.0	20.3	19.9	162.0	16.5	-4.9	12.9	297.9	338.6	15.5	97.2	1.2	137.
1.5	13.2	744.1	925.0	19.1	18.9	164.6	23.3	-4.6	22.8	299.9	339.4	15.0	94.4	2.2	143.
2.0	15.4	932.0	909.0	17.5	17.2	172.7	28.9	-7.2	28.7	299.5	336.3	13.9	95.3	3.2	145.
3.4	15.1	1141.1	850.0	16.2	16.0	174.9	28.7	-1.5	28.7	332.7	335.9	13.2	94.3	4.4	148.
5.3	21.0	1189.4	950.0	15.2	14.9	180.3	30.6	0.2	30.6	332.1	336.1	12.7	94.2	6.3	151.
5.7	24.0	1641.7	925.0	13.8	13.6	185.0	32.6	2.9	32.5	333.2	337.9	10.1	83.5	9.3	154.
7.0	27.5	1531.0	875.0	13.1	12.9	187.9	34.0	4.7	33.7	335.2	339.7	9.5	71.0	10.2	155.
7.5	27.3	2144.3	775.0	11.6	-24.5	195.8	27.1	8.7	25.7	307.3	309.1	9.5	4.4	11.4	158.
8.5	31.3	2433.3	750.0	11.4	-41.7	214.5	21.3	12.1	17.6	311.2	311.6	9.1	1.2	12.3	1.
9.0	34.0	3275.5	725.0	12.0	-42.5	216.4	21.9	13.1	17.6	312.6	311.6	9.1	1.2	12.3	4.
10.6	37.2	3110.6	735.0	9.7	-44.0	221.1	21.7	14.3	18.4	313.2	313.6	9.1	1.3	13.1	7.
11.7	42.1	3310.6	675.0	7.4	-45.0	229.4	21.8	16.6	18.2	313.9	314.3	9.1	1.0	15.2	10.
12.9	42.3	3724.5	650.0	5.0	-46.0	231.7	24.0	18.8	18.9	314.6	314.9	9.1	1.0	17.4	14.
14.3	43.4	3544.2	625.0	1.9	-49.8	242.6	24.6	19.7	15.1	314.6	314.9	9.1	1.0	18.4	17.
15.1	45.4	4271.1	600.0	-1.3	-50.8	232.5	24.7	19.6	15.0	314.6	314.9	9.1	1.0	20.4	20.
15.5	51.4	4410.0	575.0	-4.6	-52.9	234.0	24.9	20.2	18.7	314.6	314.9	9.1	1.0	22.4	23.
16.3	54.4	4977.5	550.0	-7.8	-54.9	241.0	25.1	21.0	11.7	314.6	315.0	9.1	1.0	24.4	26.
17.2	57.9	5315.8	525.0	-11.1	-57.0	241.0	27.8	23.2	13.4	315.1	315.2	9.1	1.0	26.4	29.
21.4	51.1	4443.3	400.0	-13.9	-51.4	236.5	27.0	24.2	13.4	315.1	315.2	9.1	1.0	28.4	32.
21.4	54.4	4775.4	475.0	-15.9	-53.7	230.9	27.3	21.2	12.2	317.0	317.1	9.1	1.0	30.4	35.
21.2	57.0	5470.5	450.0	-20.3	-52.8	227.6	29.4	21.7	19.8	317.4	317.4	9.1	1.0	32.4	38.
23.0	71.3	5511.4	425.0	-23.6	-55.0	224.9	28.7	20.2	20.3	317.4	317.4	9.1	1.0	34.4	41.
23.4	74.0	7410.4	475.0	-27.1	-57.3	220.4	31.7	20.6	24.1	319.7	319.8	9.1	1.0	36.4	44.
23.1	74.5	7410.4	475.0	-27.1	-57.3	222.4	34.5	23.2	25.5	320.2	320.2	9.1	1.0	38.4	47.
23.7	52.1	3206.4	350.0	-34.6	-72.2	231.7	38.2	29.9	23.7	320.2	320.2	9.1	1.0	40.4	50.
31.4	95.1	4411.0	325.0	-37.4	-74.1	237.6	40.0	34.5	20.3	325.1	325.1	9.1	1.0	42.4	53.
31.4	95.1	3109.2	320.0	-41.3	93.9	240.8	50.6	44.1	24.7	327.1	327.1	9.1	99.9	44.1	56.
33.0	95.0	3033.4	275.0	-45.4	93.9	248.4	50.6	35.7	18.1	328.7	328.7	9.1	99.9	46.1	59.
33.0	95.0	1353.4	250.0	-48.5	73.7	245.9	41.9	38.2	17.1	332.5	332.5	9.1	99.9	48.1	62.
41.2	133.4	11240.2	225.0	-54.4	93.9	243.8	50.7	45.5	22.4	332.5	332.5	9.1	99.9	50.1	65.
42.3	133.4	11240.7	225.0	-57.0	93.9	240.3	50.4	43.9	23.0	342.5	342.5	9.1	99.9	52.1	68.
45.7	115.9	12435.1	175.0	-40.1	93.9	235.9	51.3	42.5	28.4	353.6	353.6	9.1	99.9	54.1	71.
48.0	121.4	17744.6	150.0	-41.1	92.0	234.3	60.2	51.3	31.6	364.9	364.9	9.1	99.9	56.1	74.
52.2	126.2	13244.9	125.0	-44.1	93.9	243.0	48.6	47.7	23.7	375.9	375.9	9.1	99.9	58.1	77.
55.7	137.0	16211.6	100.0	-54.7	93.9	241.3	33.2	30.8	16.9	400.8	400.8	9.1	99.9	60.1	80.
62.3	140.3	13771.3	75.0	-56.7	93.9	239.1	23.2	19.9	11.9	431.1	431.1	9.1	99.9	62.1	83.
64.2	150.1	21511.4	50.0	-61.5	93.9	189.1	15.5	3.1	19.2	492.7	492.7	9.1	99.9	64.1	86.
70.1	155.4	24031.1	25.0	-49.5	99.0	99.9	99.9	99.9	99.9	642.5	642.5	9.1	99.9	66.1	89.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

11 APRIL 1979
1100 GMT

TIME MIN	CATCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KG	RM P T	RANGE KM	AZ DEG
3.0	9.4	124.0	985.0	22.8	17.0	180.0	5.1	0.0	5.1	297.2	310.3	12.5	70.0	0.0	0.0
3.9	99.9	99.9	1002.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	13.3	213.3	975.0	22.9	17.8	195.0	7.9	2.0	7.5	298.2	317.9	15.1	82.7	7.2	4.0
1.2	12.6	440.3	950.0	21.4	2.1	189.4	10.7	1.8	10.5	299.9	330.4	15.9	91.9	9.6	9.0
2.2	15.1	671.5	925.0	19.1	19.5	197.9	14.9	2.0	14.5	298.9	337.6	14.7	94.7	1.4	8.0
3.1	17.4	907.4	900.0	17.5	17.1	184.5	17.2	1.3	17.2	299.5	316.1	13.8	97.7	2.2	7.0
4.0	19.2	1145.6	875.0	16.1	15.8	183.7	18.4	1.2	18.4	290.5	315.3	13.0	97.6	3.2	6.0
4.9	22.3	1395.9	850.0	14.2	14.9	185.9	17.6	1.8	17.5	321.2	316.2	12.6	98.2	3.9	6.0
5.3	24.5	1462.4	875.0	13.9	17.6	199.6	21.2	3.6	20.9	303.3	315.8	12.0	97.9	4.5	6.0
5.7	27.4	1902.5	875.0	13.2	12.8	192.7	26.1	5.7	25.4	305.2	317.4	11.5	97.5	5.9	7.0
6.7	33.2	2177.3	775.0	11.9	11.5	196.6	30.0	8.6	29.7	306.7	317.4	11.1	97.5	6.9	9.0
7.4	32.0	2452.5	750.0	10.7	13.2	197.4	32.0	9.6	30.5	309.2	317.5	10.5	97.1	8.1	13.0
8.3	35.3	2735.2	725.0	9.0	9.6	196.0	32.2	8.9	31.0	309.4	316.7	9.7	95.8	9.2	11.0
9.5	38.1	3025.9	700.0	7.2	9.7	195.0	29.6	7.7	28.6	310.4	315.6	8.9	95.9	10.4	11.0
9.4	40.7	3223.0	675.0	5.9	3.3	195.9	26.7	7.3	25.7	309.9	310.5	7.2	94.7	11.9	12.0
10.3	43.6	3637.2	650.0	3.5	19.6	198.6	24.3	7.8	23.0	312.7	319.2	1.7	23.4	13.4	12.0
11.7	45.3	3747.2	625.0	1.4	25.4	203.3	23.0	9.1	21.1	314.1	319.6	0.9	11.4	15.1	13.0
12.7	47.2	4274.2	590.0	-0.7	32.3	209.9	24.2	13.1	21.9	315.7	316.8	0.4	7.2	16.7	15.0
13.1	52.1	4612.1	575.0	-2.6	32.2	212.6	24.4	15.2	20.6	315.7	315.9	0.1	1.0	19.3	15.0
13.4	55.1	4941.3	550.0	-6.7	54.1	210.6	26.9	15.7	23.1	316.2	314.3	0.0	1.0	20.3	15.0
13.3	53.3	5322.2	525.0	-9.9	55.2	211.0	36.3	15.6	26.0	316.5	314.7	0.0	1.0	22.5	19.0
14.1	51.4	5400.0	500.0	-13.3	55.4	211.5	32.2	15.8	27.4	316.9	316.9	0.0	1.0	25.0	22.0
14.9	50.4	5732.6	475.0	-17.2	60.8	210.1	30.8	15.4	26.6	314.9	314.6	0.0	1.0	27.7	21.0
15.3	55.1	6072.1	450.0	-19.6	62.4	207.3	34.4	15.8	30.6	318.5	318.7	0.0	1.0	30.3	22.0
15.4	71.5	6502.0	425.4	-21.1	65.3	210.8	35.7	15.3	30.7	319.4	319.4	0.0	1.0	33.5	23.0
16.3	75.1	7342.9	400.0	-25.7	65.3	211.9	34.9	23.2	25.9	321.4	321.7	0.0	1.0	36.3	24.0
16.4	78.0	7915.1	375.0	-28.6	65.2	211.0	39.3	30.5	24.7	323.8	323.7	0.0	1.0	39.5	25.0
17.3	82.0	9306.2	350.0	-32.0	70.5	232.6	43.6	34.7	26.5	325.7	323.7	0.0	1.0	43.9	27.0
18.3	90.0	9825.3	325.0	-36.2	73.3	236.4	41.0	34.1	22.7	324.9	325.4	0.0	1.0	49.9	31.0
18.4	93.9	9756.2	300.0	-40.1	79.9	239.9	42.4	35.7	21.3	328.6	320.9	99.9	99.9	52.9	34.0
19.5	95.1	9644.7	275.0	-45.3	90.9	238.5	50.7	43.2	26.5	330.1	99.9	99.9	99.9	57.9	36.0
19.7	100.0	11594.4	250.0	-49.6	90.9	244.0	38.5	34.6	16.9	333.7	99.9	99.9	99.9	63.9	39.0
20.3	105.0	11275.6	225.0	-55.3	90.9	234.9	47.5	38.9	27.3	333.7	99.9	99.9	99.9	68.9	42.0
20.4	113.0	12015.9	200.0	-60.1	90.9	235.2	54.2	48.5	30.9	337.6	99.9	99.9	99.9	75.7	41.0
20.7	110.0	12446.0	175.0	-62.1	90.9	240.5	45.2	39.4	22.3	347.5	99.9	99.9	99.9	84.3	43.0
20.3	120.5	13812.9	150.0	-65.8	90.9	242.5	45.9	44.3	23.0	358.8	99.9	99.9	99.9	94.1	45.0
20.1	129.5	14319.9	125.0	-62.2	90.9	240.5	48.9	42.6	24.1	382.4	99.9	99.9	99.9	105.3	47.0
20.2	137.3	15319.2	100.0	-64.9	90.9	237.8	30.5	22.7	20.5	400.5	99.9	99.9	99.9	113.2	47.0
20.3	150.3	17326.4	75.0	-65.0	90.9	256.7	30.5	22.7	7.0	436.6	99.9	99.9	99.9	123.8	47.0
20.5	150.1	20594.0	50.0	-63.6	90.9	214.4	21.4	12.1	17.7	500.6	99.9	99.9	99.9	130.3	47.0
20.3	153.1	25035.4	25.0	-66.9	90.9	123.6	6.6	-5.5	3.6	650.2	99.9	99.9	99.9	135.7	49.0

* BY SLOTTED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TENS MEANS TEMPERATURE OF THERMISTORS HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS10 APRIL 1979
1105 GMT

TIME MIN	CUTCT	HEIGHT GPM	PODS MB	TEMP DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX WTG GW/KG	RM PCT	RANGE KM	AZ DEG
00	00	330	990.5	20.2	19.3	120.7	5.1	2.5	293.5	330.3	14.3	98.0	0.3	0
01	01	99.9	1002.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0
02	02	299.9	975.0	18.6	19.3	99.9	99.9	99.9	294.8	330.5	13.7	92.4	99.9	99.9
03	03	42.7	950.0	15.5	17.2	99.9	99.9	99.9	295.9	330.2	13.1	92.3	99.9	99.9
04	04	71.5	925.0	16.8	15.1	160.9	8.6	9.3	254.5	327.6	11.9	91.9	99.9	99.9
05	05	117.4	900.0	17.2	9.5	180.0	12.1	12.1	299.3	321.9	9.3	92.4	1.2	31.6
06	06	117.4	875.0	18.4	-1.7	181.3	15.9	15.9	302.9	318.1	3.9	92.4	1.6	32.2
07	07	142.0	850.0	18.2	4.7	150.5	17.0	17.0	303.2	321.9	3.9	92.4	2.3	33.0
08	08	167.2	825.0	18.2	4.4	173.7	18.4	18.4	303.6	321.9	3.9	92.4	3.2	33.6
09	09	194.2	800.0	18.2	-1.3	180.4	17.9	17.9	304.7	317.4	6.4	91.7	4.1	34.9
10	10	227.9	775.0	17.9	-31.2	198.3	14.1	14.1	309.8	309.5	4.4	91.7	5.1	35.1
11	11	247.9	750.0	18.5	-34.8	192.7	12.8	12.8	310.1	311.1	0.2	91.7	5.9	35.2
12	12	273.3	725.0	9.7	-27.5	191.7	14.1	14.1	310.1	312.7	0.3	91.7	6.6	35.7
13	13	303.9	700.0	6.9	-20.8	194.3	10.6	10.6	310.1	313.5	0.6	91.7	7.3	35.9
14	14	334.7	675.0	5.2	-20.2	216.0	8.3	8.3	310.1	313.5	1.0	91.7	7.9	36.2
15	15	365.1	650.0	2.9	-27.3	228.9	6.3	6.3	312.3	313.2	0.5	91.7	8.5	36.5
16	16	395.6	625.0	0.6	-21.7	225.2	11.8	11.8	312.3	314.4	0.5	91.7	9.1	36.8
17	17	425.2	600.0	-2.4	-19.4	233.1	17.9	17.9	313.2	315.0	1.1	91.7	9.7	37.1
18	18	454.8	575.0	-5.5	-17.1	238.1	21.5	21.5	314.5	319.0	1.5	91.7	10.5	37.4
19	19	484.2	550.0	-8.2	-19.4	237.6	23.3	23.3	314.5	319.0	1.7	91.7	11.7	37.6
20	20	513.6	525.0	-11.4	-19.4	241.7	24.7	24.7	314.5	319.0	1.5	91.7	13.1	37.8
21	21	543.0	500.0	-14.2	-14.3	243.1	27.6	27.6	314.5	320.1	1.7	91.7	14.5	38.0
22	22	572.4	475.0	-17.0	-23.5	242.5	25.3	25.3	315.8	322.2	2.0	91.7	16.1	38.1
23	23	601.8	450.0	-20.4	-23.5	237.1	31.5	31.5	315.8	321.9	1.6	91.7	17.1	38.1
24	24	631.2	425.0	-23.6	-45.3	237.7	32.5	32.5	317.6	321.3	1.1	91.7	18.1	38.1
25	25	660.6	400.0	-26.8	-45.3	241.9	35.5	35.5	319.9	320.3	0.4	91.7	19.5	38.1
26	26	690.0	375.0	-30.0	-45.3	241.9	37.4	37.4	321.9	320.3	0.0	91.7	20.5	38.1
27	27	719.4	350.0	-33.0	-45.3	241.9	38.3	38.3	321.9	320.3	0.0	91.7	21.5	38.1
28	28	748.8	325.0	-36.0	-70.5	246.9	38.3	38.3	321.9	320.3	0.0	91.7	22.5	38.1
29	29	778.2	300.0	-39.0	-55.8	250.4	44.3	44.3	321.9	320.3	0.0	91.7	23.5	38.1
30	30	807.6	275.0	-42.0	-55.8	249.2	49.7	49.7	321.9	320.3	0.0	91.7	24.5	38.1
31	31	837.0	250.0	-45.0	-55.8	245.1	46.6	46.6	321.9	320.3	0.0	91.7	25.5	38.1
32	32	866.4	225.0	-48.0	-55.8	249.0	46.3	46.3	321.9	320.3	0.0	91.7	26.5	38.1
33	33	895.8	200.0	-51.0	-55.8	251.1	52.8	52.8	321.9	320.3	0.0	91.7	27.5	38.1
34	34	925.2	175.0	-54.0	-55.8	257.8	62.2	62.2	321.9	320.3	0.0	91.7	28.5	38.1
35	35	954.6	150.0	-57.0	-55.8	259.3	64.8	64.8	321.9	320.3	0.0	91.7	29.5	38.1
36	36	984.0	125.0	-60.0	-55.8	251.0	46.3	46.3	321.9	320.3	0.0	91.7	30.5	38.1
37	37	1013.4	100.0	-63.0	-55.8	256.7	46.3	46.3	321.9	320.3	0.0	91.7	31.5	38.1
38	38	1042.8	75.0	-66.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	32.5	38.1
39	39	1072.2	50.0	-69.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	33.5	38.1
40	40	1101.6	25.0	-72.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	34.5	38.1
41	41	1131.0	0.0	-75.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	35.5	38.1
42	42	1160.4	0.0	-78.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	36.5	38.1
43	43	1189.8	0.0	-81.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	37.5	38.1
44	44	1219.2	0.0	-84.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	38.5	38.1
45	45	1248.6	0.0	-87.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	39.5	38.1
46	46	1278.0	0.0	-90.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	40.5	38.1
47	47	1307.4	0.0	-93.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	41.5	38.1
48	48	1336.8	0.0	-96.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	42.5	38.1
49	49	1366.2	0.0	-99.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	43.5	38.1
50	50	1395.6	0.0	-102.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	44.5	38.1
51	51	1425.0	0.0	-105.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	45.5	38.1
52	52	1454.4	0.0	-108.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	46.5	38.1
53	53	1483.8	0.0	-111.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	47.5	38.1
54	54	1513.2	0.0	-114.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	48.5	38.1
55	55	1542.6	0.0	-117.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	49.5	38.1
56	56	1572.0	0.0	-120.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	50.5	38.1
57	57	1601.4	0.0	-123.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	51.5	38.1
58	58	1630.8	0.0	-126.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	52.5	38.1
59	59	1660.2	0.0	-129.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	53.5	38.1
60	60	1689.6	0.0	-132.0	-55.8	256.7	27.6	27.6	321.9	320.3	0.0	91.7	54.5	38.1

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE NO TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

10 APRIL 1979
1701 GMT

TIME MIL	CUTC	HEIGHT CM	POSS MIL	TEMP C	DEW PT C	DIR C	SPE ID M/S	U COMP M/S	V COMP M/S	POT T C	E POT Y C	MX WTO C	RM C	RANGE M	AZ C
001	50.0	330.0	1000.0	22.9	20.1	150.0	7.7	-4.9	5.9	297.0	336.2	15.1	93.0	0.0	0
002	49.0	1000.0	1000.0	20.9	20.9	90.0	9.0	9.0	9.0	99.0	99.0	99.0	99.0	99.0	99.0
003	48.1	253.9	975.0	23.7	12.4	990.0	999.9	99.0	99.0	298.9	334.2	14.7	92.4	99.0	99.0
004	11.1	478.3	950.0	18.7	14.0	990.0	999.9	99.0	99.0	298.2	332.3	13.9	95.7	1.3	324.0
005	13.0	13.0	925.0	17.5	15.7	150.0	15.0	-5.3	14.0	297.3	331.7	13.1	94.9	2.1	322.0
006	15.1	1123.2	975.0	17.1	15.2	150.0	13.4	-2.4	13.2	296.1	333.5	13.0	94.5	2.6	332.0
007	19.5	1123.2	975.0	16.1	15.4	150.0	13.0	0.2	13.0	300.5	332.5	11.9	93.1	3.5	333.0
008	23.0	1500.0	850.0	14.0	14.5	150.0	14.9	1.5	14.9	301.4	333.1	11.5	91.1	4.3	342.0
009	23.4	1522.3	825.0	13.5	12.0	157.9	17.8	2.4	17.6	302.8	332.2	10.9	91.3	5.2	345.0
010	25.4	1522.0	800.0	11.7	11.8	152.3	17.1	3.4	16.7	303.6	331.7	10.3	94.5	6.3	350.0
011	28.4	2287.0	775.0	14.7	9.2	152.9	17.4	3.9	17.0	334.9	329.6	9.0	97.5	7.0	353.0
012	33.4	2281.2	750.0	12.2	-22.3	204.6	15.1	5.4	14.5	339.8	314.2	1.5	13.8	7.9	356.0
013	37.4	2743.7	725.0	11.6	-20.3	204.6	15.1	6.7	13.7	312.2	315.9	1.1	9.5	9.7	359.0
014	37.7	3159.7	575.0	10.4	-4.3	237.4	16.0	7.4	14.2	312.2	323.2	2.9	25.4	9.9	360.0
015	37.7	3159.7	575.0	9.3	-7.8	216.3	16.3	9.5	12.9	315.0	324.7	3.2	31.2	12.8	360.0
016	41.4	3436.6	450.0	6.5	-14.0	221.1	17.0	11.2	12.9	315.3	321.7	1.7	19.2	14.9	360.0
017	44.2	3733.4	625.0	2.3	-17.9	218.2	19.9	12.3	15.5	316.3	321.5	1.6	21.1	16.9	360.0
018	47.0	3713.4	400.0	0.1	-17.7	218.4	19.7	11.7	14.6	316.5	321.6	1.6	24.4	14.7	360.0
019	47.0	4777.4	575.0	-2.9	-17.2	221.0	17.5	11.4	13.2	316.7	321.9	1.6	23.4	15.1	360.0
020	52.1	5177.2	550.0	-6.4	-17.8	219.6	16.6	11.0	14.3	316.6	322.0	1.7	29.9	14.2	360.0
021	53.4	5336.6	525.0	-7.5	-24.5	221.6	19.4	12.9	14.5	317.3	322.4	1.0	29.3	17.5	360.0
022	53.4	5336.6	525.0	-12.2	-40.5	226.0	20.3	15.1	13.6	318.2	319.0	0.2	7.5	14.7	360.0
023	53.4	5336.6	525.0	-15.4	-47.0	235.6	21.0	17.1	11.9	318.8	319.3	0.1	4.7	27.4	360.0
024	53.4	5336.6	525.0	-18.5	-47.5	238.2	22.5	19.3	11.6	320.0	320.4	0.1	5.9	27.7	360.0
025	54.2	4577.4	425.0	-21.4	-43.2	237.6	25.6	21.4	13.7	321.2	321.7	0.1	5.9	27.7	360.0
026	71.4	7000.0	410.0	-24.7	-49.6	239.1	26.3	25.7	14.4	321.5	321.9	0.1	9.2	28.1	360.0
027	71.4	7000.0	410.0	-27.3	-55.0	241.5	31.7	27.8	15.1	324.7	324.5	0.1	5.4	28.4	360.0
028	74.0	3266.0	350.0	-31.7	-54.1	245.1	35.9	32.6	15.1	326.0	326.2	0.1	6.2	31.4	360.0
029	74.0	3266.0	350.0	-35.1	-54.7	241.9	45.2	39.9	21.3	326.3	326.6	0.1	11.5	31.4	360.0
030	74.0	3266.0	350.0	-38.1	-54.7	241.9	45.2	43.2	24.5	326.6	326.6	0.0	12.4	31.4	360.0
031	74.0	3266.0	350.0	-42.7	-55.0	236.2	46.2	46.0	26.8	332.6	332.6	0.0	12.4	31.4	360.0
032	74.0	3266.0	350.0	-47.5	-54.9	243.3	51.5	44.7	25.5	335.5	335.5	0.0	12.4	31.4	360.0
033	74.0	3266.0	350.0	-51.1	-54.9	244.7	55.3	50.0	23.6	340.2	340.2	0.0	12.4	31.4	360.0
034	74.0	3266.0	350.0	-54.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
035	74.0	3266.0	350.0	-58.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
036	74.0	3266.0	350.0	-62.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
037	74.0	3266.0	350.0	-66.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
038	74.0	3266.0	350.0	-70.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
039	74.0	3266.0	350.0	-74.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
040	74.0	3266.0	350.0	-78.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
041	74.0	3266.0	350.0	-82.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
042	74.0	3266.0	350.0	-86.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
043	74.0	3266.0	350.0	-90.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
044	74.0	3266.0	350.0	-94.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
045	74.0	3266.0	350.0	-98.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
046	74.0	3266.0	350.0	-102.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
047	74.0	3266.0	350.0	-106.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
048	74.0	3266.0	350.0	-110.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
049	74.0	3266.0	350.0	-114.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0
050	74.0	3266.0	350.0	-118.6	-54.9	244.7	55.3	50.7	23.6	340.2	340.2	0.0	12.4	31.4	360.0

* BY SPOD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPOD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 285
VICTORIA, TEXAS10 APRIL 1979
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PREC'S IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POY T DG K	MX RTO CM/KG	DN PCT	RANGE KM	AZ DG
000	700	3300	990.0	24.0	19.9	180.0	7.7	-3.9	0.7	297.5	316.5	14.9	78.7	0.3	0.
005	900	920	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
010	300	2200	975.0	23.3	18.4	99.9	99.9	99.9	99.9	298.6	337.5	14.9	79.3	99.9	99.9
015	100	4400	950.0	23.6	18.6	99.9	99.9	99.9	99.9	298.1	336.4	14.6	99.9	99.9	99.9
020	130	5700	925.0	18.6	17.7	166.5	14.1	-3.3	13.7	298.4	335.0	13.9	94.0	2.1	341.
025	130	913.0	900.0	17.9	17.0	174.6	14.9	-1.4	14.9	299.9	336.3	13.7	95.3	2.4	343.
030	170	1154.7	975.0	15.7	15.0	181.9	13.9	0.5	13.9	301.1	336.5	13.2	95.2	3.4	345.
035	190	1402.2	950.0	14.7	14.0	190.6	13.4	2.5	13.2	302.6	336.9	12.7	95.4	4.0	348.
040	220	1455.0	925.0	14.0	13.2	199.0	14.2	4.6	13.5	303.4	335.2	10.9	99.1	4.5	353.
045	230	1315.2	900.0	12.6	11.5	218.6	13.3	8.3	13.4	305.9	335.4	10.7	95.2	5.4	359.
050	240	2185.0	775.0	14.6	-23.3	235.1	14.6	11.9	8.3	311.7	319.5	2.7	14.2	5.9	4.
055	240	2464.3	750.0	14.4	-32.9	237.5	14.7	12.4	7.9	314.4	315.0	0.2	1.0	6.6	11.
060	310	2767.0	725.0	14.1	-41.3	226.8	14.3	12.2	10.7	315.0	315.5	0.1	1.0	7.5	17.
065	330	1744.7	700.0	11.4	-47.8	228.6	17.4	13.1	11.5	315.3	315.4	0.1	1.0	4.3	21.
070	350	3165.0	675.0	5.6	-48.7	230.9	17.8	13.8	11.2	315.2	315.6	0.1	1.0	9.5	25.
075	350	3659.3	650.0	4.0	-45.2	232.7	18.9	14.4	12.2	315.8	316.1	0.1	1.0	12.3	29.
080	350	3755.6	625.0	3.3	-47.9	230.6	17.6	13.4	11.1	316.3	316.6	0.1	1.0	12.0	32.
085	350	4304.6	600.0	0.5	-42.6	231.3	17.2	13.4	10.5	316.8	317.0	0.1	1.0	13.2	32.
090	400	4543.9	575.0	-2.6	-51.6	229.9	16.3	12.5	10.5	317.0	317.2	0.1	1.0	14.4	34.
095	420	4544.3	550.0	-5.4	-55.5	228.7	17.1	12.9	11.3	317.5	317.7	0.0	1.0	15.6	35.
100	520	5350.5	525.0	-8.5	-55.3	234.3	15.2	15.5	11.2	318.3	319.4	0.0	1.0	17.3	37.
105	530	5737.4	500.0	-11.2	-57.0	231.3	21.0	15.1	10.4	319.4	319.5	0.0	1.0	18.4	39.
110	530	6124.1	475.0	-14.7	-57.2	232.8	22.3	14.9	10.2	319.8	319.9	0.0	1.0	20.3	40.
115	610	6533.7	450.0	-18.1	-51.4	238.6	24.3	20.8	12.7	320.5	320.5	0.0	1.0	22.2	42.
120	540	5554.0	425.0	-21.2	-47.4	234.0	25.7	20.8	15.1	321.4	321.9	0.0	1.0	24.4	44.
125	570	7430.0	400.0	-24.0	-63.2	235.6	25.0	23.9	16.4	323.8	323.9	0.0	1.0	27.4	45.
130	710	7456.9	375.0	-28.1	-67.9	242.1	32.8	29.0	15.4	324.4	324.4	0.0	1.0	32.5	46.
135	740	1359.9	350.0	-30.7	-72.6	241.2	41.6	36.4	20.0	327.4	327.4	0.0	1.0	34.3	48.
140	740	4302.2	325.0	-34.0	-71.8	238.3	44.5	42.1	26.0	327.4	327.4	0.0	1.0	37.3	50.
145	310	8378.4	300.0	-38.0	-78.1	236.1	45.7	41.7	27.7	330.5	329.4	0.0	1.0	44.7	52.
150	330	10330.4	275.0	-42.4	-77.9	239.3	44.7	42.7	25.4	331.8	329.9	0.0	1.0	51.1	51.
155	330	10728.2	250.0	-45.1	-90.9	240.8	51.44	45.6	25.1	337.5	337.5	0.0	1.0	55.3	52.
160	330	11313.7	225.0	-49.5	-73.9	239.2	56.0	48.1	24.6	342.5	339.3	0.0	1.0	64.2	53.
165	330	12125.0	200.0	-54.3	-72.9	235.7	56.7	48.9	24.6	346.8	339.0	0.0	1.0	73.1	54.
170	330	12574.4	175.0	-57.6	-70.9	235.2	56.7	59.7	27.6	354.9	339.9	0.0	1.0	81.7	55.
175	1300	13045.1	150.0	-55.3	-70.9	237.2	52.88	43.9	20.2	358.0	339.0	0.0	1.0	93.6	56.
180	1300	13070.4	125.0	-55.4	-70.9	230.1	41.6	39.1	14.2	376.4	339.0	0.0	1.0	104.7	57.
185	1300	13271.1	100.0	-55.5	-70.9	243.8	34.0	32.3	15.9	431.1	339.9	0.0	1.0	114.4	58.
190	1300	13159.9	75.0	-49.2	-70.9	99.9	99.9	99.9	99.9	424.2	339.9	0.0	1.0	125.5	59.
195	320	99.0	50.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
200	320	99.0	25.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 295
VICTORIA, TEXAS11 APRIL 1979
205 JMT

TIME MUT	CUTC	WEIGHT GPM	PRES MB	TEMP DEG C	DB PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	WZ WTS G/KG	RM PCY	RANGE AZ NM	DG
300	7.4	33.0	994.6	23.0	21.5	150.0	7.2	-3.6	6.2	206.6	339.3	16.4	91.7	0.3	0.
305	9.0	99.0	1000.0	46.0	92.9	99.9	99.9	99.9	99.9	99.9	999.9	1.9	999.9	999.9	999.9
310	9.2	207.3	975.0	22.0	20.8	999.9	999.9	99.9	99.9	297.3	339.3	16.1	93.0	999.9	999.9
315	11.4	433.6	970.0	21.1	19.9	999.9	999.9	99.9	99.9	299.6	339.4	15.6	92.9	999.9	999.9
320	13.4	684.8	925.0	18.4	19.1	162.1	13.0	-4.0	11.4	299.1	337.5	14.4	92.5	1.8	339.
325	15.5	907.9	925.0	17.5	15.3	162.1	11.5	-2.4	11.4	299.6	332.2	12.2	86.7	2.6	340.
330	17.7	1102.9	975.0	22.0	-12.0	185.7	10.4	.0	10.4	306.7	307.9	0.4	2.0	3.0	342.
335	19.2	1404.1	950.0	22.8	-25.0	199.7	10.6	3.6	10.0	310.7	310.7	0.2	1.0	3.6	343.
340	21.2	1652.3	925.0	21.1	-37.1	199.9	11.4	4.0	11.1	310.7	311.6	0.2	1.0	3.7	352.
345	23.2	1917.0	900.0	19.6	-37.9	207.6	10.5	4.3	9.3	312.1	312.7	0.2	1.2	4.4	354.
350	25.2	2179.3	775.0	17.6	-33.2	215.5	10.3	6.0	8.3	312.7	313.3	0.2	1.2	4.9	355.
355	27.2	2459.5	750.0	15.7	-40.3	228.0	10.3	7.7	6.9	313.7	314.2	0.1	1.0	5.4	4.
360	29.2	2742.2	725.0	13.2	-41.8	238.2	10.6	9.0	5.6	314.0	314.4	0.1	1.0	5.9	9.
365	31.2	3029.3	701.0	10.9	-43.2	247.0	10.7	9.3	5.4	314.6	315.7	0.1	1.0	6.3	14.
370	33.2	3314.6	675.0	8.2	-43.9	243.0	11.3	10.1	5.1	314.9	315.2	0.1	1.0	6.8	19.
375	35.2	3595.9	650.0	5.4	-44.6	244.9	13.1	11.8	5.5	315.1	315.4	0.1	1.0	7.4	23.
380	37.2	3876.2	625.0	2.7	-44.3	247.6	15.0	13.0	5.7	315.5	315.8	0.1	1.0	8.2	28.
385	39.2	4156.5	600.0	-0.3	-43.1	252.6	16.1	15.2	5.3	315.8	316.1	0.1	1.0	9.1	33.
390	41.2	4436.8	575.0	-2.9	-41.5	248.7	16.2	15.1	5.9	317.0	317.2	0.1	1.0	10.1	37.
395	43.2	4717.1	550.0	-5.7	-39.5	245.7	16.8	17.1	7.4	317.4	317.5	0.0	1.0	11.1	41.
400	45.2	4997.4	525.0	-8.3	-37.6	244.0	20.9	18.8	9.2	317.7	317.9	0.0	1.0	12.6	43.
405	47.2	5277.7	500.0	-11.8	-35.4	241.6	21.1	18.5	10.0	319.7	319.8	0.0	1.0	14.2	45.
410	49.2	5558.0	475.0	-15.1	-33.5	240.9	21.1	18.5	10.3	319.3	319.4	0.0	1.0	15.7	47.
415	51.2	5838.3	450.0	-18.1	-31.6	245.5	21.3	19.4	8.8	320.5	320.6	0.0	1.0	17.4	49.
420	53.2	6118.6	425.0	-21.4	-29.7	243.2	21.3	22.3	6.7	321.5	321.6	0.0	1.0	19.2	51.
425	55.2	6398.9	400.0	-24.8	-27.8	256.7	23.6	24.9	5.9	322.2	322.3	0.0	1.0	21.4	53.
430	57.2	6679.2	375.0	-28.3	-25.9	255.6	25.3	26.3	7.3	322.9	323.0	0.0	2.3	23.9	55.
435	59.2	6959.5	350.0	-31.8	-24.0	248.0	32.1	29.7	12.0	325.0	325.1	0.0	1.9	27.0	59.
440	61.2	7239.8	325.0	-35.4	-22.1	243.1	37.6	33.7	18.8	326.5	326.6	0.0	3.0	30.4	63.
445	63.2	7519.1	300.0	-38.1	-20.4	245.4	40.4	36.9	16.9	328.6	328.6	0.0	999.9	34.6	67.
450	65.2	7799.4	275.0	-40.8	-18.7	244.5	40.3	36.4	17.3	331.3	331.3	0.0	999.9	37.3	71.
455	67.2	8079.7	250.0	-43.5	-17.0	240.5	40.5	-0.2	17.3	333.1	333.1	0.0	999.9	40.1	75.
460	69.2	8359.0	225.0	-46.2	-15.3	240.5	50.0	48.7	27.6	335.5	335.5	0.0	999.9	43.2	79.
465	71.2	8639.3	200.0	-48.9	-13.6	237.7	61.4	51.9	34.8	345.4	345.4	0.0	999.9	46.5	83.
470	73.2	8919.6	175.0	-51.6	-11.9	235.4	66.74	51.9	31.7	351.9	351.9	0.0	999.9	50.1	87.
475	75.2	9199.9	150.0	-54.3	-10.2	245.9	58.14	53.0	23.7	352.4	352.4	0.0	999.9	53.7	91.
480	77.2	9479.2	125.0	-57.0	-8.5	244.5	55.24	49.9	22.8	375.4	375.4	0.0	999.9	57.0	95.
485	79.2	9759.5	100.0	-59.7	-6.8	249.3	36.54	34.2	12.9	396.5	396.5	0.0	999.9	60.3	99.
490	81.2	10039.8	75.0	-62.4	-5.1	999.9	99.9	99.9	99.9	420.1	420.1	0.0	999.9	63.6	103.
495	83.2	10319.1	50.0	-65.1	-3.4	99.9	99.9	99.9	99.9	99.9	999.9	0.0	999.9	66.9	107.
500	85.2	10599.4	25.0	-67.8	-1.7	99.9	99.9	99.9	99.9	99.9	999.9	0.0	999.9	70.2	111.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 BY CUTO MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 255
VICTORIA, T.E./A3

11 APRIL 1979
505 GMT

TIME MIN	CNTCT	HEIGHT GPM	DPS MM	TEMP DEG C	DBP PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PJT Y DEG K	P ROT Y DEG K	MX RTD CM/KG	WM PCT	RANGE KM	AZ DEG
3.0	7.2	33.0	694.9	23.3	21.7	150.0	8.0	-44.4	7.6	296.9	7.0.4	16.7	91.0	0.0	0
9.3	9.0	99.0	1723.3	55.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	8.4	234.9	974.3	21.0	23.5	154.4	15.2	-6.6	13.7	297.1	318.2	15.8	92.4	0.5	176
1.3	11.0	434.6	952.0	25.5	19.3	161.4	17.2	-58.5	16.7	295.3	317.4	17.0	92.5	1.1	335
2.2	13.2	557.6	625.0	19.1	19.0	169.7	21.5	-30.7	20.1	279.9	315.4	14.2	95.0	2.2	341
3.3	15.2	601.9	970.0	19.6	14.4	163.1	21.7	-4.3	20.3	200.6	315.9	17.2	97.5	3.2	346
3.9	17.4	1144.6	675.3	19.0	-2.1	159.5	16.4	-4.4	17.2	304.4	319.6	5.5	33.4	4.2	346
4.7	19.4	1746.5	400.0	23.2	-35.4	167.8	15.6	-2.9	13.2	309.4	310.1	0.2	1.0	4.7	343
5.3	22.1	1452.9	925.0	21.6	-25.8	180.9	11.8	-2.0	11.6	311.4	312.1	0.2	1.0	5.3	343
7.4	24.4	1318.2	432.0	26.5	-37.4	202.7	12.3	4.8	11.4	313.3	313.4	0.2	1.0	5.1	348
7.4	24.4	2150.4	775.0	18.5	-34.6	202.5	12.3	4.8	11.4	313.3	313.4	0.2	1.0	5.1	348
9.3	25.1	2432.5	750.3	16.2	-40.0	220.0	14.1	9.0	10.9	314.3	314.3	0.2	1.0	6.7	352
9.3	31.4	2755.0	725.3	13.9	-41.4	226.2	15.3	11.4	13.2	314.7	315.2	0.1	1.0	7.3	354
11.3	37.0	3043.4	700.0	11.1	-43.1	236.2	16.1	13.3	9.9	314.9	315.2	0.1	1.0	7.9	354
11.3	37.0	3340.3	475.0	9.4	-44.9	241.8	11.4	14.4	7.9	315.1	315.5	0.1	1.0	8.5	354
12.3	37.3	3440.7	630.0	6.2	-44.1	237.6	15.2	15.4	9.8	315.0	316.3	0.1	1.0	9.1	354
13.5	41.4	3537.5	625.3	4.9	-47.5	235.0	20.0	16.0	12.0	317.0	317.4	0.1	1.0	9.7	354
14.7	44.1	4117.1	613.3	1.7	-47.4	231.6	21.2	16.4	12.0	317.0	317.4	0.1	1.0	10.3	354
15.7	45.4	4233.4	475.0	-2.7	-51.4	230.7	22.3	17.3	14.4	317.2	317.5	0.1	1.0	10.7	354
15.7	45.4	5320.4	450.3	-5.3	-53.3	232.7	22.9	18.2	13.0	317.0	317.0	0.2	1.0	10.7	354
17.1	52.4	4753.4	525.0	-8.5	-57.5	238.7	24.1	19.7	13.9	319.2	319.3	0.0	1.0	10.7	354
17.1	52.4	5732.0	513.0	-12.2	-57.5	238.0	25.6	21.7	13.4	319.5	319.4	0.0	1.0	10.7	354
23.7	54.1	6120.7	475.3	-15.2	-59.6	238.2	25.3	21.5	13.3	319.2	319.3	0.0	1.0	10.7	354
23.7	54.1	6574.7	450.0	-15.0	-62.0	235.4	24.0	19.9	13.6	319.4	319.5	0.0	1.0	10.7	354
23.7	54.1	6737.0	425.0	-17.3	-64.6	235.4	25.4	19.5	13.0	319.5	319.6	0.0	1.0	10.7	354
24.3	57.4	7436.4	400.3	-25.4	-65.0	237.7	26.0	22.0	13.0	323.0	323.1	0.0	1.0	10.7	354
25.0	71.0	7443.3	375.0	-25.2	-62.7	241.9	26.9	25.5	13.6	323.0	323.1	0.0	1.0	10.7	354
25.3	74.4	4752.3	352.7	-33.0	-65.7	247.2	30.7	28.1	11.2	324.2	324.3	0.0	1.0	10.7	354
33.2	78.0	9438.2	325.0	-46.4	-64.8	246.7	31.6	30.8	11.3	324.6	324.5	0.0	1.0	10.7	354
35.1	91.7	9438.4	302.0	-40.3	-64.9	246.5	37.1	33.2	16.5	324.6	324.5	0.0	1.0	10.7	354
36.1	95.0	17334.4	275.0	-44.1	-67.0	239.1	41.1	35.3	21.1	331.3	331.3	0.0	1.0	10.7	354
36.3	95.0	15543.5	255.3	-45.2	-69.9	238.0	45.0	41.6	25.0	338.0	338.0	0.0	1.0	10.7	354
36.7	96.3	11329.3	225.7	-52.1	-69.9	238.5	51.1	48.3	29.4	338.7	338.7	0.0	1.0	10.7	354
41.2	99.0	12037.9	200.3	-55.7	-69.9	242.2	56.1	48.7	27.9	344.5	344.5	0.0	1.0	10.7	354
47.1	134.3	12923.3	175.0	-64.5	-69.9	248.3	56.0	50.4	28.7	353.4	353.4	0.0	1.0	10.7	354
47.1	134.3	13231.0	150.3	-51.7	-69.9	242.5	56.0	50.2	25.1	353.4	353.4	0.0	1.0	10.7	354
53.3	115.4	15076.0	125.3	-64.4	-69.9	245.1	52.1	47.2	21.9	374.8	374.8	0.0	1.0	10.7	354
55.4	124.3	14364.6	107.3	-68.0	-69.9	245.6	45.4	41.4	18.4	394.6	394.6	0.0	1.0	10.7	354
93.4	131.7	15075.3	75.0	-66.4	-69.9	99.9	91.0	90.4	99.9	433.6	433.6	0.0	1.0	10.7	354
93.4	92.3	92.3	52.3	-69.9	-69.9	99.9	91.0	90.4	99.9	99.9	99.9	0.0	1.0	10.7	354
93.4	92.0	92.0	25.0	-69.9	-69.9	99.9	91.0	90.4	99.9	99.9	99.9	0.0	1.0	10.7	354

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE 10 TIME HAVE BEEN INTERPOLATED
** BY SPD'D MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

10 APRIL 1979
1100 GMT

TIME MUN	CNCTY	HEIGHT GMS	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG M	E POT Y DG M	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
3.3	10.5	300.3	957.3	15.1	14.9	140.0	4.1	-2.6	3.1	291.9	319.3	10.6	93.0	136	59.0
3.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.3	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	11.1	450.1	950.0	14.9	13.8	162.0	10.8	-3.3	10.2	292.3	319.7	10.5	93.4	0.3	312.0
1.3	13.3	693.4	925.0	15.0	14.0	168.9	13.2	-2.5	12.5	298.7	323.4	10.9	93.5	0.6	318.0
1.4	15.6	923.4	923.0	15.0	14.0	161.9	15.1	0.5	15.1	297.0	323.4	11.2	93.4	1.3	317.0
2.9	17.0	1162.3	875.0	14.0	13.0	197.2	13.9	4.1	13.3	299.3	323.4	10.8	93.5	2.0	315.0
3.5	23.3	1437.0	855.0	12.4	12.4	201.8	15.3	4.6	11.5	299.2	323.4	9.4	97.1	2.6	3.0
4.3	22.7	1655.0	825.0	11.5	-11.3	197.4	16.1	3.4	9.5	302.6	314.4	4.1	95.5	3.1	5.0
5.2	23.2	1315.9	800.0	11.6	-14.7	199.4	9.8	2.0	4.3	303.5	308.4	1.5	15.2	3.4	7.0
7.2	27.4	2125.0	775.0	9.6	-44.0	205.1	7.4	5.1	6.7	304.2	308.4	0.1	1.0	4.1	9.0
7.2	31.2	2453.4	750.0	7.3	-45.4	212.2	6.0	4.2	6.7	304.5	308.8	0.1	1.0	4.3	10.0
3.2	32.7	2727.9	725.0	5.2	-46.7	224.5	15.9	7.6	7.9	305.1	307.4	0.1	1.0	5.6	13.0
3.2	32.7	7013.3	700.0	4.2	-47.4	243.0	15.2	12.7	6.5	307.1	307.4	0.1	1.0	6.3	26.0
1.2	37.4	3305.5	675.0	3.7	-47.7	252.0	14.8	17.0	5.8	309.9	310.1	0.1	1.0	7.4	34.0
1.4	43.6	3613.4	550.0	1.1	-49.3	251.0	21.6	20.4	7.0	310.2	310.5	0.1	1.0	7.4	34.0
11.4	43.2	3027.3	625.0	-1.7	-49.3	247.2	21.3	21.4	9.7	311.0	311.2	0.1	1.0	9.6	42.0
13.2	45.0	4253.4	600.0	-3.6	-52.4	240.8	21.2	22.4	11.4	311.6	311.8	0.0	1.0	12.1	44.0
14.3	45.4	4580.6	575.0	-6.4	-53.7	240.8	21.0	23.5	13.2	312.5	312.7	0.0	1.0	11.9	47.0
15.1	51.4	4730.4	550.0	-9.2	-53.6	238.0	21.0	22.9	13.3	313.5	313.6	0.0	1.0	14.3	48.0
17.3	53.7	4248.4	500.0	-11.7	-57.3	240.1	21.7	23.7	13.3	314.4	314.5	0.0	1.0	15.4	50.0
19.5	57.9	5554.9	475.0	-13.8	-51.0	235.9	21.5	22.0	13.0	314.2	316.3	0.0	1.0	17.9	51.0
14.9	59.9	6337.7	450.0	-17.5	-51.0	235.7	21.7	25.7	13.7	316.3	316.4	0.0	1.0	19.7	52.0
21.0	64.1	5449.7	430.0	-21.2	-51.0	235.7	30.9	26.6	17.1	316.6	316.9	0.1	4.4	21.3	52.0
22.5	57.4	5449.7	425.0	-25.7	-57.7	236.4	30.0	25.0	16.5	317.0	317.3	0.0	5.0	24.5	52.0
23.9	72.9	7336.1	400.0	-29.3	-57.7	236.4	31.1	25.4	17.0	319.3	319.5	0.0	4.5	27.3	52.0
25.5	74.4	7745.5	375.0	-31.9	-59.6	234.8	31.1	26.5	19.5	320.9	320.7	0.0	4.7	32.4	51.0
27.3	78.3	8249.0	350.0	-35.9	-57.3	234.1	31.5	31.4	19.4	322.4	322.5	0.0	4.4	34.7	51.0
31.3	91.0	9750.7	325.0	-42.9	-59.9	242.1	40.8	40.5	21.4	324.9	324.9	0.0	99.9	43.4	54.0
32.5	93.2	9447.7	300.0	-46.0	99.9	245.4	41.2	39.4	17.5	324.6	324.6	0.0	99.9	43.1	54.0
34.4	94.5	10114.4	275.0	-48.4	99.9	245.4	41.9	39.4	17.5	324.6	324.6	0.0	99.9	43.1	54.0
35.5	94.2	11275.3	250.0	-53.3	99.9	247.0	41.9	43.5	16.7	324.6	324.6	0.0	99.9	43.1	54.0
39.3	134.2	11254.7	230.0	-56.3	99.9	248.7	44.4	40.0	16.7	324.6	324.6	0.0	99.9	43.1	54.0
41.9	146.4	12974.7	175.0	-66.3	99.9	248.7	34.5	40.0	16.7	324.6	324.6	0.0	99.9	43.1	54.0
44.4	115.4	13782.1	150.0	-57.4	99.9	245.7	34.5	40.0	16.7	324.6	324.6	0.0	99.9	43.1	54.0
46.4	121.0	14321.7	125.0	-62.5	99.9	246.1	31.1	40.0	16.7	324.6	324.6	0.0	99.9	43.1	54.0
49.3	121.0	14321.7	125.0	-62.5	99.9	246.1	31.1	40.0	16.7	324.6	324.6	0.0	99.9	43.1	54.0
52.9	124.7	15236.2	100.0	-63.3	99.9	246.1	31.1	40.0	16.7	324.6	324.6	0.0	99.9	43.1	54.0
57.3	134.1	14371.3	75.0	-64.0	99.9	246.1	31.1	40.0	16.7	324.6	324.6	0.0	99.9	43.1	54.0
94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS10 APRIL 1979
1705 GMT

TIME MIN	CATCT	HEIGHT GM	PRES MB	TEMP DEG C	DIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX WTD GM/KG	RM PCY	PANGE KM	AZ DG
3.0	13.2	309.0	955.7	17.5	150.0	1.7	-3.9	0.7	294.5	327.3	12.6	95.0	0.0	0
3.3	9.9	95.0	1000.0	95.9	99.9	9.9	9.9	9.9	99.9	999.9	99.9	999.9	99.9	970
3.4	9.9	9.9	95.0	99.9	99.9	9.9	9.9	9.9	99.9	999.9	99.9	999.9	99.9	970
3.5	13.7	450.4	950.0	17.2	154.4	15.7	-4.1	7.6	294.7	327.2	12.5	95.2	0.3	345
3.6	12.4	673.4	925.0	16.1	154.4	11.1	-4.7	10.1	295.8	327.3	12.0	95.5	0.6	336
3.7	15.1	911.4	910.0	15.2	145.5	16.3	-4.5	15.2	297.2	327.8	11.6	95.6	1.2	337
3.8	17.3	1151.0	975.0	14.2	135.5	17.4	-1.7	15.5	299.6	329.5	11.2	95.4	2.2	341
3.9	17.3	1394.2	950.0	13.4	127.7	18.5	1.7	18.4	300.2	329.6	11.0	95.7	2.9	347
4.0	21.9	1407.9	925.0	12.4	118.0	19.2	4.0	19.7	301.7	330.4	10.6	95.7	3.9	352
4.1	24.2	1304.5	907.0	12.7	6.6	193.4	4.0	16.9	304.7	326.2	7.7	65.2	4.9	358
4.2	26.5	2174.3	775.0	12.3	7.5	190.0	2.5	16.7	304.8	330.5	8.5	74.1	5.9	350
4.3	22.3	2445.2	750.0	9.7	9.4	190.0	3.1	17.5	307.1	333.0	9.3	91.6	6.9	1
4.4	31.3	2727.9	725.0	9.1	5.5	195.8	5.3	18.6	308.3	335.6	7.9	93.8	7.8	2
4.5	33.4	3310.6	730.0	4.9	2.4	200.2	7.6	20.7	310.0	339.6	6.5	73.4	9.2	5
4.6	37.2	3717.7	675.0	4.2	-3.3	199.9	7.7	21.3	315.0	326.7	5.6	72.9	10.4	7
4.7	38.4	3533.7	650.0	1.9	-19.2	199.3	7.2	20.5	315.0	315.5	1.4	20.8	11.9	8
4.8	41.4	3333.7	625.0	-0.3	-50.1	207.1	10.2	21.0	312.1	312.4	0.1	1.0	13.2	12
4.9	43.0	4253.2	607.0	-3.0	-51.8	208.2	13.9	19.0	312.7	312.9	0.1	1.0	14.4	11
5.0	40.4	4594.2	575.0	-5.8	-53.6	212.1	14.3	22.4	313.2	313.4	0.0	1.0	15.3	13
5.1	43.6	4944.8	550.0	-8.5	-55.3	212.6	14.3	22.4	313.0	314.2	0.0	1.0	16.3	15
5.2	52.3	5374.9	525.0	-10.9	-56.8	211.7	14.3	22.4	315.3	315.4	0.0	1.0	17.3	17
5.3	55.2	5776.3	500.0	-14.3	-57.0	211.4	14.8	22.4	315.7	315.8	0.0	1.0	18.3	18
5.4	59.2	6033.0	475.0	-17.3	-57.9	219.1	17.2	21.1	316.6	316.7	0.0	1.0	19.3	20
5.5	61.2	6405.0	450.0	-20.2	-58.4	227.4	19.0	17.5	317.9	317.9	0.0	1.0	20.2	22
5.6	64.4	6784.2	425.0	-24.2	-59.4	229.8	20.9	17.6	318.0	318.0	0.0	1.0	21.2	24
5.7	67.4	7124.7	400.0	-28.1	-57.9	234.5	22.5	16.1	318.5	318.5	0.0	1.0	22.2	26
5.8	71.0	7484.6	375.0	-32.4	-70.7	237.2	24.4	15.7	318.8	318.8	0.0	1.0	23.2	28
5.9	74.4	7864.2	350.0	-36.4	-73.4	236.5	26.9	15.7	319.7	319.8	0.0	1.0	24.2	30
6.0	78.1	8254.7	325.0	-40.5	-74.9	240.5	29.3	16.4	320.8	320.8	0.0	1.0	25.2	32
6.1	81.2	8654.3	300.0	-44.5	-76.6	240.4	31.7	16.5	321.2	321.2	0.0	1.0	26.2	34
6.2	84.3	9054.3	275.0	-48.9	-78.9	235.0	34.0	16.5	321.6	321.6	0.0	1.0	27.2	36
6.3	87.4	9454.3	250.0	-53.1	-81.9	237.1	36.2	15.7	331.6	331.6	0.0	1.0	28.2	38
6.4	90.4	9854.4	225.0	-57.4	-84.9	232.0	38.7	15.7	336.7	336.7	0.0	1.0	29.2	40
6.5	93.4	10254.9	200.0	-61.4	-87.9	237.9	41.0	15.7	343.4	343.4	0.0	1.0	30.2	42
6.6	96.4	10654.9	175.0	-65.1	-90.9	244.0	43.0	15.7	350.6	350.6	0.0	1.0	31.2	44
6.7	99.4	11054.9	150.0	-68.9	-93.9	247.4	45.1	15.7	357.1	357.1	0.0	1.0	32.2	46
6.8	102.4	11454.3	125.0	-72.9	-96.9	242.8	47.2	15.6	362.2	362.2	0.0	1.0	33.2	48
6.9	105.4	11854.3	100.0	-76.9	-99.9	238.2	49.3	15.6	409.3	409.3	0.0	1.0	34.2	50
7.0	108.4	12254.3	75.0	-80.9	-102.9	235.9	51.4	15.3	436.1	436.1	0.0	1.0	35.2	52
7.1	111.4	12654.3	50.0	-84.9	-105.9	237.7	53.5	15.3	507.1	507.1	0.0	1.0	36.2	54
7.2	114.4	13054.3	25.0	-88.9	-108.9	231.0	55.6	15.7	651.1	651.1	0.0	1.0	37.2	56
7.3	117.4	13454.3	0.0	-92.9	-111.9	231.0	57.7	15.7	999.9	999.9	0.0	1.0	38.2	58

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 19 DEG

* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
POOR QUALITY

STATION NO. 260
STEPHENVILLE, TEXAS10 APRIL 1979
2001 GMT

TIME MIN	CNTCT	HEIGHT GWS	WIND DIR	WIND SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX HTO CM/KG	SH PCT	RANGE KM	AZ DG
3.0	10.2	399.0	170.1	140.0	8.2	-2.9	297.5	334.1	13.9	99.0	0.2	0
3.3	33.2	32.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3.6	33.2	32.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3.9	13.5	410.1	170.1	159.0	10.7	-3.8	297.6	334.1	13.9	99.0	0.1	95.0
3.9	12.4	424.4	170.1	159.0	17.9	-6.1	297.9	331.5	12.7	99.0	0.7	315
1.0	14.4	444.4	170.1	159.0	17.9	-5.2	298.9	331.4	12.3	99.0	1.5	340
2.5	17.1	1125.0	170.1	173.0	21.2	-2.6	297.1	331.6	11.9	91.3	2.4	344
3.5	15.4	1771.3	170.1	173.0	21.2	0.2	302.2	334.4	11.9	91.3	4.1	345
4.5	21.4	1875.5	170.1	173.0	21.2	4.4	304.0	335.9	11.7	91.3	5.5	352
5.0	28.0	1434.7	170.1	173.0	21.2	8.7	305.4	335.9	10.9	99.0	5.4	357
5.9	43.4	1153.4	170.1	173.0	21.2	9.2	306.5	334.5	10.2	99.0	5.3	2
7.9	33.7	2427.9	170.1	173.0	21.2	9.5	307.2	332.1	9.9	99.0	9.2	5
8.9	31.2	2730.0	170.1	173.0	21.2	11.9	308.6	329.7	9.1	10.2	11.5	8
9.9	33.7	2534.5	170.1	173.0	21.2	14.5	311.4	312.0	9.1	10.2	12.9	11
11.0	35.1	1403.4	170.1	173.0	21.2	15.4	312.7	313.1	9.1	10.2	14.5	14
12.2	37.7	1403.4	170.1	173.0	21.2	15.4	313.6	313.9	9.1	10.2	15.2	15
13.2	31.7	3328.7	170.1	173.0	21.2	14.6	314.6	314.8	9.1	10.2	17.9	19
14.4	31.3	4249.3	170.1	173.0	21.2	15.9	315.5	315.7	9.1	10.2	19.6	20
15.5	40.4	4547.6	170.1	173.0	21.2	18.5	315.4	315.6	9.0	10.2	21.2	21
16.7	44.4	4334.3	170.1	173.0	21.2	16.3	316.1	316.3	9.0	10.2	23.1	23
17.0	52.2	5237.5	170.1	173.0	21.2	19.1	316.9	317.3	9.0	10.2	24.9	25
18.1	53.1	4571.5	170.1	173.0	21.2	19.2	317.1	317.2	9.0	10.2	25.2	26
20.7	53.1	4571.5	170.1	173.0	21.2	20.3	317.5	317.5	9.0	10.2	25.4	26
22.2	51.1	6452.9	170.1	173.0	21.2	21.7	318.2	318.2	9.0	10.2	30.5	32
23.7	50.1	6448.1	170.1	173.0	21.2	23.3	319.6	319.6	9.0	10.2	32.3	32
25.1	57.4	7174.0	170.1	173.0	21.2	27.0	319.6	319.6	9.0	10.2	33.3	33
27.7	73.1	9273.3	170.1	173.0	21.2	25.4	320.4	320.4	9.0	10.2	35.3	35
31.2	77.1	4734.1	170.1	173.0	21.2	24.7	321.4	321.5	9.0	10.2	42.1	36
32.5	77.1	3323.3	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
34.5	77.1	3007.1	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
35.9	77.1	2500.0	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
37.9	77.1	2250.0	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
39.9	77.1	1750.0	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
41.9	77.1	1500.0	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
43.9	77.1	1250.0	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
45.9	77.1	1000.0	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
47.9	77.1	750.0	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
49.9	77.1	500.0	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
51.9	77.1	250.0	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36
53.9	77.1	0.0	170.1	173.0	21.2	27.0	321.4	321.4	9.0	10.2	42.1	36

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 14 DEG
 BY SPEED MEANS TEMPERATURE TO TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STERNEVILLE, TEXAS11 APRIL 1979
805 GMT

TIME MIN	CNTCT	HEIGHT GPM	BRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
30.3	10.6	399.0	951.3	19.7	14.1	280.0	3.1	3.1	-0.5	286.4	324.6	10.7	73.0	0.0	0.
30.9	9.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9	999.9	999.9
31.3	9.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	999.9	999.9	999.9	999.9	999.9
31.7	9.7	410.4	950.0	19.9	14.1	999.9	99.0	99.0	99.0	999.9	324.6	10.8	73.6	999.9	999.9
31.9	2.0	640.4	925.0	18.9	14.2	999.9	99.0	99.0	99.0	999.9	324.6	11.1	73.9	999.9	999.9
31.9	1.7	675.6	920.0	17.3	13.1	999.9	99.0	99.0	99.0	999.9	327.9	12.4	76.4	999.9	999.9
32.0	1.7	1116.3	975.0	15.2	12.3	212.9	5.6	3.0	4.7	289.6	327.9	13.4	82.9	0.0	0.
32.5	1.4	1352.3	950.0	14.4	10.8	217.9	6.1	3.7	4.9	301.2	327.9	9.6	79.1	1.1	43.
32.5	21.7	1614.7	825.0	13.5	9.1	236.7	6.0	5.0	3.3	302.9	327.9	6.8	74.7	1.4	46.
32.7	20.1	1974.2	925.0	13.0	8.4	243.4	5.7	8.7	4.4	305.0	326.1	7.6	56.2	1.9	48.
32.8	20.4	2140.6	775.0	11.1	6.0	231.9	14.3	11.3	8.9	305.7	327.9	7.6	73.9	2.4	51.
32.9	21.7	2413.7	750.0	9.8	4.6	225.1	14.5	13.1	8.9	306.2	326.1	7.1	74.7	3.1	52.
33.0	21.7	2624.0	725.0	7.3	6.1	219.5	22.9	14.6	17.7	307.5	310.4	9.2	71.0	4.4	44.
33.1	21.7	2824.9	700.0	5.1	4.3	217.2	26.4	16.0	21.1	308.2	324.6	7.5	64.2	5.3	45.
33.2	21.7	3024.9	675.0	4.0	-1.9	216.8	29.2	17.5	23.3	310.2	324.6	7.5	55.4	7.3	46.
33.3	21.7	3224.9	650.0	2.5	-6.0	215.7	30.5	17.9	25.7	311.8	323.1	3.9	53.1	9.3	42.
33.4	21.7	3424.9	625.0	0.4	-11.7	215.7	31.7	18.5	26.7	313.0	320.7	2.5	39.5	17.7	41.
33.5	21.7	3624.9	600.0	-2.2	-17.8	214.4	32.3	19.2	26.6	314.6	318.6	1.6	29.3	26.6	43.
33.6	21.7	3824.9	575.0	-4.5	-22.2	213.3	34.4	19.0	26.9	316.7	320.0	1.7	19.1	34.9	37.
33.7	21.7	4024.9	550.0	-6.5	-26.2	212.4	37.3	20.5	30.9	318.2	320.0	1.2	27.4	43.1	38.
33.8	21.7	4224.9	525.0	-8.4	-29.8	211.5	37.5	21.2	30.9	319.2	320.0	1.0	27.2	51.7	39.
33.9	21.7	4424.9	500.0	-12.5	-32.3	210.5	37.4	22.0	30.7	320.2	319.6	0.5	17.2	59.7	39.
34.0	21.7	4624.9	475.0	-15.3	-34.5	210.5	33.0	19.6	26.5	321.1	319.7	0.2	7.5	67.7	39.
34.1	21.7	4824.9	450.0	-18.5	-36.6	210.5	33.0	19.3	26.6	322.0	322.0	0.6	30.4	75.7	37.
34.2	21.7	5024.9	425.0	-22.3	-38.1	210.5	32.7	19.7	26.1	323.0	322.2	0.6	41.1	83.7	37.
34.3	21.7	5224.9	400.0	-25.5	-39.6	210.5	34.6	23.0	25.9	324.0	324.1	0.4	32.0	91.7	37.
34.4	21.7	5424.9	375.0	-28.4	-41.0	210.5	36.8	24.0	25.9	325.0	324.9	0.4	23.6	99.7	35.
34.5	21.7	5624.9	350.0	-32.7	-42.5	210.5	38.1	27.7	19.8	326.0	325.0	0.4	55.9	107.7	35.
34.6	21.7	5824.9	325.0	-36.2	-44.7	210.5	39.4	27.3	21.1	327.0	327.7	0.3	73.7	115.7	35.
34.7	21.7	6024.9	300.0	-40.5	-46.9	210.5	40.3	26.9	24.5	328.0	328.0	0.9	93.9	123.7	35.
34.8	21.7	6224.9	275.0	-44.5	-49.9	210.5	41.8	31.0	24.1	329.0	329.0	0.9	99.9	131.7	35.
34.9	21.7	6424.9	250.0	-48.0	-52.0	210.5	42.3	33.8	25.5	330.0	330.0	0.9	99.9	139.7	35.
35.0	21.7	6624.9	225.0	-51.0	-55.0	210.5	43.8	35.9	30.1	331.0	331.0	0.9	99.9	147.7	35.
35.1	21.7	6824.9	200.0	-54.0	-58.0	210.5	45.3	38.9	30.5	332.0	332.0	0.9	99.9	155.7	35.
35.2	21.7	7024.9	175.0	-57.0	-61.0	210.5	46.8	41.8	30.5	333.0	333.0	0.9	99.9	163.7	35.
35.3	21.7	7224.9	150.0	-60.0	-64.0	210.5	48.3	44.8	30.5	334.0	334.0	0.9	99.9	171.7	35.
35.4	21.7	7424.9	125.0	-63.0	-67.0	210.5	49.8	47.8	30.5	335.0	335.0	0.9	99.9	179.7	35.
35.5	21.7	7624.9	100.0	-66.0	-70.0	210.5	51.3	50.8	30.5	336.0	336.0	0.9	99.9	187.7	35.
35.6	21.7	7824.9	75.0	-69.0	-73.0	210.5	52.8	53.8	30.5	337.0	337.0	0.9	99.9	195.7	35.
35.7	21.7	8024.9	50.0	-72.0	-76.0	210.5	54.3	56.8	30.5	338.0	338.0	0.9	99.9	203.7	35.
35.8	21.7	8224.9	25.0	-75.0	-79.0	210.5	55.8	59.8	30.5	339.0	339.0	0.9	99.9	211.7	35.
35.9	21.7	8424.9	0.0	-78.0	-82.0	210.5	57.3	62.8	30.5	340.0	340.0	0.9	99.9	219.7	35.

* BY SFCO MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 201
DEL RIO, TEXAS10 APRIL 1970
1100 GMT

TIME MIN	CNTCY	HEIGHT GDM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DEG
30.0	9.4	314.0	944.9	19.6	13.6	140.0	3.6	-2.3	2.0	295.0	312.6	14.2	44.0	0.2	0.0
31.0	90.0	1500.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.0	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.0	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.0	10.7	448.3	922.0	18.2	17.5	137.8	7.3	-4.9	5.4	295.6	310.6	13.4	94.0	0.2	320.0
35.0	10.7	677.2	923.0	17.1	16.3	145.8	4.0	-5.7	7.0	296.8	310.6	12.9	95.2	0.5	310.0
36.0	15.7	911.5	903.0	16.7	15.1	158.2	9.6	-3.6	8.9	299.7	312.6	12.9	95.3	1.7	320.0
37.0	17.3	1152.5	875.0	15.7	13.1	176.8	8.0	-0.5	8.0	300.1	312.3	12.4	95.0	1.4	331.0
38.0	17.3	1293.0	850.0	14.1	11.4	176.5	8.0	-0.5	8.0	300.9	310.6	11.5	95.4	1.4	336.0
39.0	21.7	1651.1	825.0	12.7	11.6	157.7	5.5	-1.9	8.3	302.0	310.6	10.5	95.2	2.2	340.0
40.0	21.7	1699.1	800.0	11.4	10.9	157.3	8.7	-1.9	8.5	303.3	315.3	4.2	95.7	2.7	341.0
41.0	20.4	2123.3	775.0	12.0	-42.0	157.8	9.3	1.3	9.2	302.7	318.1	0.1	1.0	3.2	341.0
42.0	20.4	2442.4	750.0	11.6	-42.6	210.4	10.9	5.3	9.4	309.2	309.6	0.1	1.0	3.6	346.0
43.0	31.1	2775.0	725.0	9.1	-48.4	210.4	12.4	8.1	9.4	309.4	309.6	0.1	1.0	4.1	354.0
44.0	31.1	3020.3	700.0	6.7	-45.8	229.2	13.1	9.0	9.5	310.0	310.3	0.1	1.0	4.7	4.0
45.0	33.5	3316.6	675.0	4.2	-43.3	232.0	13.6	11.7	8.3	310.4	310.7	0.1	1.0	5.3	17.0
46.0	39.9	3621.5	650.0	1.2	-40.2	236.4	15.2	12.6	8.4	310.4	310.6	0.1	1.0	6.2	17.0
47.0	41.1	3935.6	625.0	-0.3	-35.2	231.6	18.5	14.5	11.5	312.1	312.3	0.1	1.0	7.0	27.0
48.0	43.5	4240.5	600.0	-2.2	-32.6	226.4	20.2	14.6	13.9	312.4	312.3	0.1	1.0	8.2	27.0
49.0	43.5	4535.9	575.0	-5.2	-28.1	226.4	21.5	15.3	15.1	313.9	313.0	0.0	1.0	9.5	29.0
50.0	43.5	4831.4	550.0	-8.2	-23.1	226.1	21.7	16.7	14.5	314.4	313.5	0.0	1.0	11.3	32.0
51.0	43.5	5126.9	525.0	-10.9	-18.8	226.3	22.1	17.0	14.1	315.3	313.4	0.0	1.0	12.5	34.0
52.0	43.5	5422.4	500.0	-14.2	-13.9	226.2	20.2	16.9	11.2	315.3	313.4	0.0	1.0	14.1	35.0
53.0	43.5	5717.9	475.0	-17.7	-8.2	226.3	22.6	17.9	10.1	316.1	313.1	0.0	1.0	15.9	37.0
54.0	43.5	6013.4	450.0	-21.0	-3.3	224.3	21.6	19.4	9.4	316.9	313.9	0.0	1.0	17.3	41.0
55.0	43.5	6308.9	425.0	-24.4	2.6	224.3	21.0	21.2	8.1	317.7	312.7	0.0	1.0	19.1	43.0
56.0	43.5	6604.4	400.0	-27.9	7.8	224.1	22.0	22.9	12.1	319.7	312.7	0.0	1.0	21.2	45.0
57.0	43.5	6900.0	375.0	-31.7	13.0	224.2	27.9	24.0	14.3	319.7	312.7	0.0	1.0	23.9	47.0
58.0	43.5	7195.5	350.0	-35.6	18.3	224.7	34.1	30.0	15.2	321.9	321.9	0.0	1.0	27.2	47.0
59.0	43.5	7491.0	325.0	-39.6	23.6	224.3	40.2	35.4	19.2	324.6	324.6	0.0	1.0	31.3	51.0
60.0	43.5	7786.5	300.0	-42.1	28.9	224.1	41.9	36.0	21.5	326.0	324.6	0.0	1.0	35.2	52.0
61.0	43.5	8082.0	275.0	-45.5	34.2	224.8	46.3	41.7	24.3	328.6	324.6	0.0	1.0	39.1	53.0
62.0	43.5	8377.5	250.0	-48.9	39.5	224.6	50.3	45.1	22.4	331.2	324.6	0.0	1.0	43.0	54.0
63.0	43.5	8673.0	225.0	-52.3	44.8	224.6	54.3	48.9	21.5	337.2	324.6	0.0	1.0	46.9	54.0
64.0	43.5	8968.5	200.0	-55.7	50.1	224.6	58.3	52.7	21.5	344.0	324.6	0.0	1.0	50.8	54.0
65.0	43.5	9264.0	175.0	-59.1	55.4	224.2	62.3	56.5	18.9	354.6	324.6	0.0	1.0	54.7	54.0
66.0	43.5	9559.5	150.0	-62.5	60.7	224.5	66.3	60.3	17.3	364.6	324.6	0.0	1.0	58.6	54.0
67.0	43.5	9855.0	125.0	-65.9	66.0	224.5	70.3	64.1	16.2	377.3	324.6	0.0	1.0	62.5	54.0
68.0	43.5	10150.5	100.0	-69.3	71.3	224.5	74.3	67.9	15.1	402.1	324.6	0.0	1.0	66.4	54.0
69.0	43.5	10446.0	75.0	-72.7	76.6	224.5	78.3	71.7	14.0	431.6	324.6	0.0	1.0	70.3	54.0
70.0	43.5	10741.5	50.0	-76.1	81.9	224.4	82.3	75.1	12.9	461.8	324.6	0.0	1.0	74.2	54.0
71.0	43.5	11037.0	25.0	-79.5	87.2	224.9	86.3	78.9	11.8	491.8	324.6	0.0	1.0	78.1	54.0
72.0	43.5	11332.5	0.0	-82.9	92.5	224.9	90.3	82.7	10.7	521.8	324.6	0.0	1.0	82.0	54.0

* BY SLOTT MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TUB MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 261
 DEL RIO, TEXAS

 10 APRIL 1979
 2300 GMT

TIME M14	CNTCT	WEIGHT GPM	PAWS MB	TEMP DEG C	QWS MT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG C	E POT T DEG K	HA RTO CM/SEC	ON PCT	RANGE KM	AZ DEG
300	300	314.3	943.4	31.1	13.8	140.0	6.7	-4.3	7.1	308.2	337.4	10.3	34.2	2.2	0
305	305	92.9	1777.3	94.4	90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
310	310	364.8	933.3	37.2	13.2	135.1	9.2	-6.4	6.5	307.5	341.9	12.4	43.1	0.3	319
315	315	304.5	925.0	27.9	14.5	140.0	10.1	-6.5	7.7	307.5	338.9	11.4	44.9	9.5	319
320	320	94.1	933.3	25.3	12.4	147.2	12.3	-6.7	10.3	307.6	334.1	10.3	45.0	1.2	321
325	325	149.1	933.3	22.3	10.9	147.2	13.4	-5.2	12.3	304.1	334.3	9.4	45.2	1.9	324
330	330	134.4	929.0	21.2	7.9	171.8	14.2	-2.0	14.1	309.3	330.6	7.9	42.3	2.7	331
335	335	143.6	929.0	20.6	-3.2	169.5	15.4	2.6	15.2	317.4	323.9	4.6	24.8	3.7	333
340	340	184.5	929.0	19.1	-8.4	227.7	14.3	7.5	12.1	311.9	321.2	3.1	17.9	4.5	349
345	345	213.4	929.0	16.9	-14.4	227.7	14.6	10.9	9.9	312.0	320.3	2.6	15.8	5.3	357
350	350	241.7	929.0	14.7	-17.0	232.6	14.7	11.4	9.0	312.1	319.4	2.0	15.9	5.7	40
355	355	272.1	929.0	11.5	-17.9	236.6	14.4	11.7	9.6	312.1	317.7	1.9	15.4	6.5	100
360	360	299.6	929.0	9.9	-15.2	236.6	14.9	12.2	9.6	312.3	317.9	1.7	16.5	7.2	150
365	365	324.1	929.0	8.4	-17.9	236.6	15.8	13.3	9.7	312.4	317.2	1.4	15.6	7.9	200
370	370	350.3	929.0	5.7	-17.8	236.6	18.1	15.4	9.4	313.1	317.0	1.2	15.9	8.8	240
375	375	377.5	929.0	3.8	-22.0	236.6	18.3	15.9	9.3	313.4	316.9	1.0	15.1	9.3	290
380	380	404.2	929.0	-2.7	-22.9	236.6	20.0	16.7	10.9	313.1	316.3	1.0	14.3	10.6	310
385	385	429.4	929.0	-5.9	-21.7	240.7	22.0	19.2	10.8	313.1	316.3	1.2	27.3	11.9	340
390	390	454.3	929.0	-8.9	-27.2	240.6	23.8	22.7	9.3	313.5	316.3	0.7	21.1	13.2	370
395	395	479.4	929.0	-11.9	-27.9	252.2	27.2	26.0	7.9	314.1	316.3	0.7	25.1	15.3	420
400	400	504.3	929.0	-14.9	-27.2	240.2	32.8	31.5	8.9	315.0	314.7	0.5	21.0	17.5	470
405	405	529.4	929.0	-17.3	-27.2	254.1	37.9	36.5	10.4	316.2	316.0	0.4	19.1	20.2	510
410	410	554.3	929.0	-20.2	-27.1	253.5	38.5	36.9	10.9	317.9	316.1	0.3	27.2	23.5	540
415	415	579.4	929.0	-22.6	-27.9	253.8	38.8	37.6	9.5	319.8	324.7	0.3	21.6	26.3	570
420	420	604.3	929.0	-25.6	-27.9	253.3	38.8	37.5	9.4	320.2	321.2	0.3	27.4	30.9	620
425	425	629.4	929.0	-28.4	-27.9	253.3	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
430	430	654.3	929.0	-31.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
435	435	679.4	929.0	-34.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
440	440	704.3	929.0	-37.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
445	445	729.4	929.0	-40.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
450	450	754.3	929.0	-43.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
455	455	779.4	929.0	-46.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
460	460	804.3	929.0	-49.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
465	465	829.4	929.0	-52.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
470	470	854.3	929.0	-55.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
475	475	879.4	929.0	-58.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
480	480	904.3	929.0	-61.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
485	485	929.4	929.0	-64.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
490	490	954.3	929.0	-67.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
495	495	979.4	929.0	-70.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
500	500	1004.3	929.0	-73.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
505	505	1029.4	929.0	-76.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
510	510	1054.3	929.0	-79.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
515	515	1079.4	929.0	-82.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
520	520	1104.3	929.0	-85.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
525	525	1129.4	929.0	-88.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
530	530	1154.3	929.0	-91.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
535	535	1179.4	929.0	-94.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
540	540	1204.3	929.0	-97.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
545	545	1229.4	929.0	-100.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
550	550	1254.3	929.0	-103.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
555	555	1279.4	929.0	-106.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
560	560	1304.3	929.0	-109.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
565	565	1329.4	929.0	-112.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
570	570	1354.3	929.0	-115.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
575	575	1379.4	929.0	-118.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
580	580	1404.3	929.0	-121.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
585	585	1429.4	929.0	-124.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
590	590	1454.3	929.0	-127.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
595	595	1479.4	929.0	-130.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620
600	600	1504.3	929.0	-133.4	-27.9	240.2	41.3	38.9	13.4	324.6	323.4	0.2	23.7	34.5	620

* BY SPEED - ANG ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 * BY TRUE WINDS - TEMPERATURE OR WIND HAVE BEEN INTERPOLATED
 ** BY SPEED - ANG ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS11 APRIL 1979
200 GMT

TIME MIN	CUTCT	HEIGHT GCM	PRES MB	TEMP DG C	DW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MAX RTC CM/KG	RM PC	RAVGE A2 KM	CG
0.0	10.1	314.0	954.7	27.9	13.4	140.0	7.2	-4.6	5.5	305.1	313.2	10.2	41.0	0.3	0
0.5	10.2	314.0	1003.0	27.6	9.9	99.9	9.9	9.9	9.9	9.9	99.9	9.9	99.9	99.9	99.9
1.0	10.3	314.0	975.0	27.6	9.9	99.9	9.9	9.9	9.9	9.9	99.9	9.9	99.9	99.9	99.9
1.5	10.4	314.0	954.7	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
2.0	10.5	314.0	925.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
2.5	10.6	314.0	900.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
3.0	10.7	314.0	875.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
3.5	10.8	314.0	850.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
4.0	10.9	314.0	825.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
4.5	11.0	314.0	800.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
5.0	11.1	314.0	775.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
5.5	11.2	314.0	750.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
6.0	11.3	314.0	725.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
6.5	11.4	314.0	700.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
7.0	11.5	314.0	675.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
7.5	11.6	314.0	650.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
8.0	11.7	314.0	625.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
8.5	11.8	314.0	600.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
9.0	11.9	314.0	575.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
9.5	12.0	314.0	550.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
10.0	12.1	314.0	525.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
10.5	12.2	314.0	500.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
11.0	12.3	314.0	475.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
11.5	12.4	314.0	450.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
12.0	12.5	314.0	425.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
12.5	12.6	314.0	400.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
13.0	12.7	314.0	375.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
13.5	12.8	314.0	350.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
14.0	12.9	314.0	325.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
14.5	13.0	314.0	300.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
15.0	13.1	314.0	275.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
15.5	13.2	314.0	250.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
16.0	13.3	314.0	225.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
16.5	13.4	314.0	200.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
17.0	13.5	314.0	175.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
17.5	13.6	314.0	150.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
18.0	13.7	314.0	125.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
18.5	13.8	314.0	100.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
19.0	13.9	314.0	75.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
19.5	14.0	314.0	50.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9
20.0	14.1	314.0	25.0	27.6	14.8	99.9	9.9	9.9	9.9	315.6	313.4	11.2	44.4	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 BY SPEED MEANS TEMPERATURE COEFFICIENTS HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 261
DEL RIO, TEXAS11 APR/L 1979
501 GMT

TIME MIN	CNTCT	HEIGHT GDM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	F POT T DEG K	WIND GM/KG	DIR DEG	RANGE KM	AZ DEG
00	904	318.3	957.7	23.7	13.3	350.0	0.0	0.0	0.0	300.4	327.7	10.1	52.0	2.3	30
01	905	93.9	1033.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	906	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	1302	380.3	957.0	25.1	13.9	999.9	99.9	99.9	99.9	302.7	333.3	11.3	53.0	99.9	99.9
04	1203	613.4	925.0	24.3	13.6	999.9	99.9	99.9	99.9	304.1	333.3	10.7	51.4	99.9	99.9
05	1405	953.9	900.0	22.6	13.7	999.9	99.9	99.9	99.9	304.8	335.0	11.0	57.1	99.9	99.9
06	1607	1173.4	875.0	20.7	13.2	999.9	99.9	99.9	99.9	305.3	335.4	11.0	62.1	99.9	99.9
07	1809	1750.4	850.0	20.7	7.7	174.6	22.2	-2.1	22.1	307.8	320.8	7.5	43.2	30.4	340
08	2103	1612.7	925.0	20.2	9.4	133.0	25.1	1.3	25.1	310.0	333.9	9.5	45.5	50.0	350
09	2305	1477.5	900.0	18.3	4.7	187.2	23.1	6.8	22.0	310.7	337.0	5.7	49.4	50.1	350
10	2507	2144.2	775.0	16.0	-10.3	210.7	22.1	11.2	19.0	311.1	324.4	4.5	32.4	70.5	10
11	2709	2408.7	750.0	17.6	-8.3	218.1	19.8	12.2	15.6	311.4	324.2	4.3	33.1	80.5	40
12	2911	2710.7	735.0	15.3	-6.4	235.9	16.2	15.1	13.2	311.4	321.3	3.3	23.0	100.4	100
13	3103	3003.3	720.0	9.2	-12.8	244.2	19.3	17.4	8.4	311.5	318.1	2.1	21.5	120.1	210
14	3305	3232.4	675.0	5.6	-20.8	243.5	21.0	18.8	9.4	312.2	314.7	2.5	9.9	130.2	270
15	3507	3625.9	650.0	3.4	-27.8	245.5	20.0	18.2	8.3	312.2	314.8	2.5	7.9	140.2	330
16	3709	4020.9	625.0	3.4	-29.0	241.5	21.7	19.1	10.3	312.9	314.9	0.6	9.7	150.3	390
17	3911	4244.3	600.0	-2.7	-35.1	239.3	22.5	18.5	11.6	313.0	315.1	0.5	12.0	160.3	450
18	4103	4468.5	575.0	-5.9	-29.2	236.6	23.6	17.7	13.7	313.2	315.2	0.5	15.1	170.1	510
19	4305	4692.4	550.0	-9.3	-23.3	233.5	25.9	20.7	15.4	313.1	315.2	0.5	17.7	180.4	570
20	4507	4916.2	525.0	-11.9	-31.3	232.5	28.1	23.3	17.1	314.2	315.9	0.5	17.2	190.4	630
21	4709	5140.7	500.0	-15.0	-38.1	229.9	33.4	28.5	21.5	314.7	315.2	0.4	17.7	200.4	690
22	4911	5364.7	475.0	-19.1	-35.4	227.6	35.0	28.8	23.6	315.5	317.0	0.4	22.3	210.4	750
23	5103	5588.4	450.0	-21.7	-35.6	228.9	32.8	24.7	21.4	315.9	317.2	0.4	24.5	220.4	810
24	5305	5812.2	425.0	-25.4	-40.0	233.9	30.2	24.4	17.4	315.4	317.7	0.3	24.1	230.4	870
25	5507	6036.7	400.0	-29.2	-43.1	238.7	29.9	25.4	15.5	317.0	317.7	0.2	24.7	240.4	930
26	5709	6260.3	375.0	-33.0	-46.3	238.7	31.4	27.1	15.8	317.9	319.5	0.2	24.7	250.4	990
27	5911	6484.5	350.0	-37.2	-49.7	238.4	36.2	30.9	18.0	318.4	319.1	0.1	24.7	260.4	1050
28	6103	6708.5	325.0	-41.5	-47.9	241.5	35.6	28.8	19.4	320.8	320.9	0.3	24.7	270.4	1110
29	6305	6932.4	300.0	-45.6	-45.9	242.3	35.1	27.9	21.9	320.8	320.9	0.3	24.7	280.4	1170
30	6507	7156.2	275.0	-49.8	-49.9	246.0	40.1	40.9	23.2	320.8	320.9	0.3	24.7	290.4	1230
31	6709	7380.3	250.0	-54.1	-53.9	249.7	47.6	44.7	25.6	320.8	320.9	0.3	24.7	300.4	1290
32	6911	7604.7	225.0	-58.1	-57.9	243.3	55.4	49.5	24.0	320.8	320.9	0.3	24.7	310.4	1350
33	7103	7828.5	200.0	-62.1	-61.9	247.9	63.0	57.1	24.2	320.8	320.9	0.3	24.7	320.4	1410
34	7305	8052.4	175.0	-66.3	-65.9	250.0	70.5	64.6	27.5	320.8	320.9	0.3	24.7	330.4	1470
35	7507	8276.2	150.0	-70.5	-69.9	236.4	78.0	72.1	25.6	320.8	320.9	0.3	24.7	340.4	1530
36	7709	8500.3	125.0	-74.7	-73.9	235.8	85.4	79.5	21.0	320.8	320.9	0.3	24.7	350.4	1590
37	7911	8724.5	100.0	-78.9	-77.9	240.5	92.8	86.9	17.0	320.8	320.9	0.3	24.7	360.4	1650
38	8103	8948.5	75.0	-83.1	-81.9	223.3	100.2	94.3	14.0	320.8	320.9	0.3	24.7	370.4	1710
39	8305	9172.4	50.0	-87.3	-85.9	199.3	107.6	101.7	11.4	320.8	320.9	0.3	24.7	380.4	1770
40	8507	9396.2	25.0	-91.5	-89.9	999.9	996.9	996.9	99.9	647.3	999.9	99.9	99.9	130.4	550

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE DO TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS11 APRIL 1979
601 GMT

TIME MIN	CUTCT	WEIGHT GPM	DOPS WB	TEMP CG C	DEW PT CG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	DOT T DG K	E POT T DG K	MX WTG GW/KG	RH PCT	RANGE KM	AZ DG	150	17.0	0
3.0	9.4	314.0	959.5	20.9	3.2	280.0	8.2	8.1	-1.4	297.6	311.4	5.0	71.7	2.1	2.1	2.1	2.1	2.1
3.1	9.3	93.9	1022.0	55.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	9.2	32.3	975.0	59.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.3	13.5	473.3	933.0	21.6	2.0	280.4	17.3	18.9	-4.1	299.1	312.3	4.7	27.5	2.5	2.5	2.5	2.5	2.5
3.4	12.7	933.4	975.0	20.9	-1.1	280.3	14.3	12.5	-4.8	302.7	311.6	3.4	22.8	1.3	1.3	1.3	1.3	1.3
3.5	14.3	967.3	902.0	20.6	4.2	276.4	8.1	8.0	-0.9	302.7	311.6	5.9	36.1	1.5	1.5	1.5	1.5	1.5
3.6	17.2	1117.0	875.0	19.9	17.0	225.1	6.4	4.5	4.5	303.3	327.7	4.9	56.7	1.7	1.7	1.7	1.7	1.7
3.7	17.5	1253.6	957.0	21.4	-11.3	225.1	9.1	7.5	5.1	308.3	314.2	1.9	9.8	1.9	1.9	1.9	1.9	1.9
3.8	21.4	1415.0	825.0	19.8	-15.9	229.0	11.4	9.7	6.1	309.5	314.4	1.4	8.3	2.4	2.4	2.4	2.4	2.4
3.9	25.4	1443.7	472.0	19.6	-15.5	225.4	15.3	12.6	9.7	311.5	315.2	1.3	7.9	3.1	3.1	3.1	3.1	3.1
4.0	25.7	2151.1	775.0	18.0	-17.9	225.0	18.2	15.1	10.1	311.1	315.9	1.2	6.2	4.0	4.0	4.0	4.0	4.0
4.1	26.1	2477.5	757.0	13.5	-17.7	225.3	20.1	16.7	11.2	311.2	316.9	1.2	9.0	5.1	5.1	5.1	5.1	5.1
4.2	31.2	2711.2	725.0	17.7	-22.5	225.4	20.7	16.8	12.1	311.2	316.9	1.0	7.3	5.2	5.2	5.2	5.2	5.2
4.3	35.7	3001.5	707.0	9.0	-22.1	225.6	21.2	17.3	12.3	311.4	316.9	7.9	9.5	7.3	7.3	7.3	7.3	7.3
4.4	35.7	3001.5	675.0	6.0	-22.5	225.6	20.9	15.4	12.7	312.4	316.9	0.7	8.2	8.5	8.5	8.5	8.5	8.5
4.5	37.2	3504.0	653.0	3.7	-24.1	225.8	22.1	17.4	15.2	313.4	315.4	0.7	9.5	9.0	9.0	9.0	9.0	9.0
4.6	41.8	4328.9	633.0	0.3	-27.5	227.4	24.4	18.0	14.2	313.4	315.4	0.6	9.7	11.1	11.1	11.1	11.1	11.1
4.7	43.4	4727.9	620.0	-1.6	-28.2	227.4	22.6	16.7	14.3	313.4	315.4	0.6	9.7	11.1	11.1	11.1	11.1	11.1
4.8	47.2	4836.4	475.0	-4.4	-31.6	227.6	21.5	15.0	14.3	313.4	315.4	0.6	9.7	11.1	11.1	11.1	11.1	11.1
4.9	50.7	4328.9	453.0	-7.1	-34.4	228.1	22.5	16.6	14.4	315.7	317.0	2.4	9.2	13.3	13.3	13.3	13.3	13.3
5.0	52.3	5237.4	425.0	-13.9	-38.2	227.3	21.5	21.2	14.2	316.5	317.9	2.4	9.2	13.3	13.3	13.3	13.3	13.3
5.1	53.9	5677.4	577.0	-13.3	-35.0	227.3	26.9	22.6	14.4	316.5	317.9	0.3	11.4	18.9	18.9	18.9	18.9	18.9
5.2	53.4	5054.1	475.0	-17.0	-37.6	228.4	26.7	24.5	15.0	317.0	318.0	0.3	13.3	22.9	22.9	22.9	22.9	22.9
5.3	51.2	6441.7	453.0	-13.0	-41.5	230.2	28.8	25.0	14.3	317.0	318.0	0.2	13.3	22.9	22.9	22.9	22.9	22.9
5.4	53.1	6771.0	425.0	-23.1	-43.3	240.7	30.7	26.4	15.1	318.4	320.1	2.2	13.7	23.2	23.2	23.2	23.2	23.2
5.5	53.3	7323.9	407.0	-26.7	-45.3	239.0	36.0	32.5	14.5	320.3	320.9	0.2	15.3	23.1	23.1	23.1	23.1	23.1
5.6	51.7	7735.7	375.0	-17.5	-43.7	238.9	41.5	35.0	19.7	321.6	320.9	0.1	15.6	32.7	32.7	32.7	32.7	32.7
5.7	53.1	8230.0	353.0	-17.5	-43.9	236.7	41.3	35.2	21.1	323.4	324.0	2.1	17.5	35.2	35.2	35.2	35.2	35.2
5.8	52.4	9775.0	300.0	-42.2	-53.9	237.8	44.1	37.4	23.5	325.8	325.1	1.1	18.1	42.3	42.3	42.3	42.3	42.3
5.9	53.7	9315.5	275.0	-47.3	-57.9	240.8	47.5	41.4	23.5	325.8	325.1	0.9	99.9	46.7	46.7	46.7	46.7	46.7
6.0	52.4	1743.4	253.0	-57.8	-57.0	241.6	45.1	42.3	23.2	327.7	327.7	0.9	99.9	46.7	46.7	46.7	46.7	46.7
6.1	55.2	11213.4	225.0	-55.2	-55.2	241.6	52.7	46.8	22.8	328.9	328.9	0.9	99.9	46.7	46.7	46.7	46.7	46.7
6.2	55.2	11943.7	203.0	-57.1	-57.9	241.1	51.6	46.8	24.0	332.4	332.4	0.9	99.9	46.7	46.7	46.7	46.7	46.7
6.3	55.2	12738.1	175.0	-55.2	-57.9	237.7	51.6	45.6	24.9	337.6	337.6	0.9	99.9	46.7	46.7	46.7	46.7	46.7
6.4	55.2	13743.5	153.0	-55.2	-57.9	237.2	51.1	45.6	28.4	352.1	352.1	0.9	99.9	46.7	46.7	46.7	46.7	46.7
6.5	55.2	14971.5	125.0	-52.5	-57.9	232.1	46.2	42.9	27.7	362.4	362.4	0.9	99.9	46.7	46.7	46.7	46.7	46.7
6.6	55.2	16248.7	103.0	-45.6	-57.9	243.5	35.5	36.4	28.3	361.1	361.1	0.9	99.9	46.7	46.7	46.7	46.7	46.7
6.7	55.2	17002.1	75.0	-61.1	-57.9	197.2	21.7	7.4	13.9	400.5	400.5	0.9	99.9	46.7	46.7	46.7	46.7	46.7
6.8	55.2	20513.3	50.0	-51.6	-57.9	227.7	11.1	9.7	9.8	502.4	502.4	0.9	99.9	46.7	46.7	46.7	46.7	46.7
6.9	55.2	24943.3	25.0	-49.8	-57.9	260.9	2.4	3.4	0.5	641.5	641.5	0.9	99.9	46.7	46.7	46.7	46.7	46.7

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TWO MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
OFL PID. TEXAS11 APRIL 1979
1100 GMT

TIME MIN	UNTC	HEIGHT GDM	PRSS MM	TEMP DG C	DIR DG	SPLEC M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	P POT T DG K	WX PTO GM/KG	PM PCT	RANGE KM	AZ DG
300	300	314.0	943.1	14.7	300.0	4.1	3.4	-2.0	293.6	104.5	4.2	34.7	9.3	0.
303	303	300.3	1030.0	56.3	99.9	98.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
306	306	300.3	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
309	309	300.3	950.0	17.5	1.0	331.0	10.1	-9.1	294.9	106.9	9.3	33.0	9.3	145.
312	312	300.3	925.0	15.9	-3.7	341.5	12.7	-12.1	295.6	106.5	3.9	32.1	0.7	154.
315	315	300.3	900.0	13.7	-1.5	341.9	14.1	-13.6	295.6	106.5	3.9	32.1	1.4	159.
318	318	300.3	875.0	12.4	-2.8	341.2	14.7	-13.9	295.6	106.5	3.9	32.1	2.4	159.
321	321	300.3	850.0	12.7	1.2	335.1	8.6	-7.2	295.6	106.5	3.9	32.1	2.4	159.
324	324	300.3	825.0	13.0	-2.8	335.1	7.4	-11.2	295.6	106.5	3.9	32.1	2.4	159.
327	327	300.3	800.0	14.5	-11.8	247.3	14.6	5.6	306.7	112.6	1.9	14.9	2.1	147.
330	330	300.3	775.0	12.5	-14.7	244.0	17.4	7.6	307.6	112.6	1.6	13.2	3.4	132.
333	333	300.3	750.0	10.6	-14.0	246.8	17.4	6.9	308.1	112.6	1.6	13.2	3.4	132.
336	336	300.3	725.0	7.7	-17.1	249.3	18.1	7.7	307.9	112.6	1.6	13.2	3.4	132.
339	339	300.3	700.0	5.0	-13.4	247.0	18.1	7.1	308.0	112.6	1.6	13.2	3.4	132.
342	342	300.3	675.0	2.7	-22.4	246.9	20.7	8.1	308.7	112.6	1.6	13.2	3.4	132.
345	345	300.3	650.0	1.3	-24.1	241.7	22.5	10.9	310.4	113.1	0.8	12.9	7.2	92.
348	348	300.3	625.0	-0.7	-24.8	238.5	24.3	12.9	311.6	114.0	0.7	12.9	9.4	54.
351	351	300.3	600.0	-1.8	-29.5	235.4	26.1	15.1	314.0	116.1	0.5	10.9	11.3	90.
354	354	300.3	575.0	-4.7	-37.4	234.0	27.1	15.7	314.5	116.1	0.5	11.2	12.7	74.
357	357	300.3	550.0	-7.2	-37.5	235.9	28.1	15.4	315.4	117.1	0.5	12.4	14.5	74.
360	360	300.3	525.0	-10.7	-37.7	234.2	29.1	16.4	315.6	117.1	0.4	12.9	14.5	71.
363	363	300.3	500.0	-13.3	-35.4	236.2	31.1	17.2	316.8	118.0	0.3	11.2	14.5	70.
366	366	300.3	475.0	-16.3	-33.0	233.1	33.4	20.3	317.4	119.2	0.3	12.0	21.3	44.
369	369	300.3	450.0	-19.5	-41.3	231.3	31.6	24.7	319.4	119.6	0.2	12.3	23.6	45.
372	372	300.3	425.0	-23.2	-43.6	235.5	34.1	28.2	319.7	120.2	0.2	13.2	26.3	46.
375	375	300.3	400.0	-27.2	-45.0	234.6	34.1	24.9	319.7	120.2	0.1	14.6	27.2	44.
378	378	300.3	375.0	-31.4	-47.3	233.3	37.1	25.9	320.0	121.2	0.1	15.1	28.2	63.
381	381	300.3	350.0	-35.2	-48.4	236.7	40.1	22.3	321.2	121.2	0.1	17.1	35.3	42.
384	384	300.3	325.0	-39.4	-54.8	240.7	42.1	20.9	322.5	122.7	0.1	17.4	40.2	42.
387	387	300.3	300.0	-42.4	-53.9	240.1	47.0	21.4	322.5	122.7	0.1	17.4	40.2	42.
390	390	300.3	275.0	-47.2	-52.3	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
393	393	300.3	250.0	-51.4	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
396	396	300.3	225.0	-54.4	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
399	399	300.3	200.0	-57.4	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
402	402	300.3	175.0	-60.2	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
405	405	300.3	150.0	-64.4	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
408	408	300.3	125.0	-67.4	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
411	411	300.3	100.0	-70.4	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
414	414	300.3	75.0	-73.4	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
417	417	300.3	50.0	-76.4	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
420	420	300.3	25.0	-79.4	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.
423	423	300.3	0.0	-82.4	-52.9	239.4	51.1	26.4	323.4	123.4	0.1	17.4	40.2	42.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 13 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

10 APRIL 1979
1408 GMT

TIME MIN	CNCT	WEIGHT GPM	PREC MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PO T DEG K	E POT T DEG K	WX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
302	154	473.3	901.5	15.1	13.9	100.0	5.1	0.0	5.0	298.6	327.7	11.2	97.3	2.3	0
303	343	53.9	1900.0	49.0	49.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
304	343	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
305	343	99.9	950.0	45.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
306	343	32.3	375.0	25.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
307	154	99.9	900.0	13.8	13.9	100.0	7.4	1.7	7.2	297.8	327.6	11.2	97.3	2.3	0
308	154	1126.2	475.0	13.4	13.9	100.0	10.6	3.0	10.2	297.7	327.5	10.9	97.3	2.3	0
309	154	1377.4	450.0	12.2	13.8	100.0	14.4	2.2	14.2	297.9	327.6	10.3	97.3	2.3	0
310	233	1721.0	425.0	13.1	-41.9	192.3	16.3	3.5	15.9	302.4	327.6	9.1	97.3	2.3	0
311	233	1733.1	430.0	12.6	-42.2	202.3	14.1	5.3	13.0	304.6	327.6	9.1	97.3	2.3	0
312	233	2144.1	475.0	10.9	-43.2	207.3	13.6	6.2	12.0	305.6	327.6	9.1	97.3	2.3	0
313	233	2145.7	475.0	8.4	-44.8	212.0	12.9	6.4	11.0	305.7	327.6	9.1	97.3	2.3	0
314	343	2245.2	475.0	7.9	-45.1	215.1	12.2	7.7	9.5	306.4	327.6	9.1	97.3	2.3	0
315	343	3274.0	475.0	1.4	-47.1	211.2	18.9	9.4	16.2	307.2	327.6	9.1	97.3	2.3	0
316	414	3570.4	475.0	-0.8	-50.5	217.0	20.1	12.1	16.1	309.1	327.6	9.1	97.3	2.3	0
317	414	3677.4	475.0	-2.7	-51.9	223.0	22.3	15.4	16.1	308.2	327.6	9.1	97.3	2.3	0
318	472	4270.5	475.0	-5.9	-53.7	224.4	22.2	16.1	15.3	309.2	327.6	9.1	97.3	2.3	0
319	543	4270.5	475.0	-6.8	-55.5	224.9	21.4	15.1	15.2	309.7	327.6	9.1	97.3	2.3	0
320	543	4270.5	475.0	-11.4	-59.4	225.8	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
321	543	4270.5	475.0	-13.4	-59.4	225.8	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
322	543	4270.5	475.0	-15.6	-60.0	225.8	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
323	543	4270.5	475.0	-18.3	-61.5	225.8	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
324	543	4270.5	475.0	-22.0	-64.0	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
325	543	4270.5	475.0	-25.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
326	543	4270.5	475.0	-29.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
327	543	4270.5	475.0	-32.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
328	543	4270.5	475.0	-37.1	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
329	543	4270.5	475.0	-42.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
330	543	4270.5	475.0	-47.1	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
331	543	4270.5	475.0	-52.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
332	543	4270.5	475.0	-56.4	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
333	543	4270.5	475.0	-61.4	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
334	543	4270.5	475.0	-66.4	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
335	543	4270.5	475.0	-71.1	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
336	543	4270.5	475.0	-75.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
337	543	4270.5	475.0	-80.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
338	543	4270.5	475.0	-84.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
339	543	4270.5	475.0	-89.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
340	543	4270.5	475.0	-93.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
341	543	4270.5	475.0	-98.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
342	543	4270.5	475.0	-102.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
343	543	4270.5	475.0	-107.1	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
344	543	4270.5	475.0	-111.4	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
345	543	4270.5	475.0	-115.6	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
346	543	4270.5	475.0	-119.3	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
347	543	4270.5	475.0	-123.0	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
348	543	4270.5	475.0	-126.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
349	543	4270.5	475.0	-130.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
350	543	4270.5	475.0	-134.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
351	543	4270.5	475.0	-139.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
352	543	4270.5	475.0	-143.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
353	543	4270.5	475.0	-148.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
354	543	4270.5	475.0	-152.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
355	543	4270.5	475.0	-157.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
356	543	4270.5	475.0	-161.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
357	543	4270.5	475.0	-166.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
358	543	4270.5	475.0	-170.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
359	543	4270.5	475.0	-175.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
360	543	4270.5	475.0	-179.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
361	543	4270.5	475.0	-184.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
362	543	4270.5	475.0	-188.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
363	543	4270.5	475.0	-193.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
364	543	4270.5	475.0	-197.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
365	543	4270.5	475.0	-202.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
366	543	4270.5	475.0	-206.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
367	543	4270.5	475.0	-211.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
368	543	4270.5	475.0	-215.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
369	543	4270.5	475.0	-220.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
370	543	4270.5	475.0	-224.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
371	543	4270.5	475.0	-229.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
372	543	4270.5	475.0	-233.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
373	543	4270.5	475.0	-238.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
374	543	4270.5	475.0	-242.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
375	543	4270.5	475.0	-247.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
376	543	4270.5	475.0	-251.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
377	543	4270.5	475.0	-256.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
378	543	4270.5	475.0	-260.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
379	543	4270.5	475.0	-265.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
380	543	4270.5	475.0	-269.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
381	543	4270.5	475.0	-274.2	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
382	543	4270.5	475.0	-278.7	-64.4	232.5	23.3	15.8	17.1	310.4	327.6	9.1	97.3	2.3	0
383	543	4270.5													

STATION NO. 265
 MIDLAND, TEXAS

 10 APRIL 1970
 2005 GMT

189 12. 2

TIME MIN	CLOUD	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	POT Y DEG K	E POT T DEG K	WIND GK/SEC	CH PCT	RANGE NM	AZ DEG
30	150	4730	935.0	25.1	-22.5	215.0	16.5	9.5	13.5	308.8	308.8	319.3	3.5	15.0	7.3	0
31	900	900	1000.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32	900	900	975.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33	900	900	950.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34	900	900	925.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35	900	900	900.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36	900	900	875.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37	900	900	850.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38	900	900	825.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39	900	900	800.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40	900	900	775.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41	900	900	750.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42	900	900	725.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43	900	900	700.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44	900	900	675.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45	900	900	650.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46	900	900	625.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47	900	900	600.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48	900	900	575.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49	900	900	550.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50	900	900	525.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51	900	900	500.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52	900	900	475.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
53	900	900	450.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54	900	900	425.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
55	900	900	400.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
56	900	900	375.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
57	900	900	350.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
58	900	900	325.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
59	900	900	300.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
60	900	900	275.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
61	900	900	250.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
62	900	900	225.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
63	900	900	200.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
64	900	900	175.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
65	900	900	150.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
66	900	900	125.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
67	900	900	100.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
68	900	900	75.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
69	900	900	50.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
70	900	900	25.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
71	900	900	0.0	95.9	95.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SLOTTED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY T-100 MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SLOTTED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 265
MIDLAND, TEXAS11 APRIL 1979
215 GMT

TIME M.Y.	CNTY	WEIGHT GPM	PRSS WS	TEMP DE C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX STD GM/KG	RM PCT	RANGE M	42 DG
3.3	13.5	473.0	985.7	18.0	305.0	16.5	13.5	-9.5	301.4	308.4	2.4	15.0	0.0	0
3.4	14.3	98.3	1000.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3.5	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3.6	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3.7	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3.8	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
3.9	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4.0	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4.1	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4.2	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4.3	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4.4	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4.5	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4.6	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4.7	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4.8	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
4.9	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5.0	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5.1	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5.2	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5.3	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5.4	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5.5	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5.6	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5.7	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5.8	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
5.9	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
6.0	14.3	98.3	985.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

11 APRIL 1979
036 GMT

TIME MIN	CNTC	HEIGHT GPM	PRES MB	TEMP DEG C	DEP BT DEG C	DIR DEG	SP-ED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MR 970 GM/KG	SW PCT	RANGE KM	100 100	0
300	1000	873.0	901.1	10.0	-5.0	250.0	5.7	0.7	2.3	292.3	300.5	2.9	33.0	70.3	30	30
303	990	869.0	902.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
306	980	865.0	903.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
309	970	861.0	904.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
312	960	857.0	905.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
315	950	853.0	906.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
318	940	849.0	907.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
321	930	845.0	908.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
324	920	841.0	909.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
327	910	837.0	910.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
330	900	833.0	911.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
333	890	829.0	912.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
336	880	825.0	913.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
339	870	821.0	914.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
342	860	817.0	915.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
345	850	813.0	916.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
348	840	809.0	917.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
351	830	805.0	918.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
354	820	801.0	919.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
357	810	797.0	920.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
360	800	793.0	921.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
363	790	789.0	922.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
366	780	785.0	923.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
369	770	781.0	924.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
372	760	777.0	925.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
375	750	773.0	926.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
378	740	769.0	927.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
381	730	765.0	928.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
384	720	761.0	929.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
387	710	757.0	930.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
390	700	753.0	931.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
393	690	749.0	932.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
396	680	745.0	933.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
399	670	741.0	934.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
402	660	737.0	935.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
405	650	733.0	936.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
408	640	729.0	937.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
411	630	725.0	938.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
414	620	721.0	939.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
417	610	717.0	940.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
420	600	713.0	941.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
423	590	709.0	942.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
426	580	705.0	943.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
429	570	701.0	944.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
432	560	697.0	945.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
435	550	693.0	946.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
438	540	689.0	947.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
441	530	685.0	948.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
444	520	681.0	949.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
447	510	677.0	950.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
450	500	673.0	951.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
453	490	669.0	952.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
456	480	665.0	953.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
459	470	661.0	954.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
462	460	657.0	955.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
465	450	653.0	956.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
468	440	649.0	957.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
471	430	645.0	958.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
474	420	641.0	959.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
477	410	637.0	960.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
480	400	633.0	961.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
483	390	629.0	962.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
486	380	625.0	963.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
489	370	621.0	964.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
492	360	617.0	965.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
495	350	613.0	966.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
498	340	609.0	967.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
501	330	605.0	968.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
504	320	601.0	969.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
507	310	597.0	970.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
510	300	593.0	971.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
513	290	589.0	972.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
516	280	585.0	973.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
519	270	581.0	974.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
522	260	577.0	975.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
525	250	573.0	976.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
528	240	569.0	977.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
531	230	565.0	978.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
534	220	561.0	979.0	9.0	-5.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0	99.0
537	210															

STATION NO. 265
MIDLAND, TEXAS11 APRIL 1979
1105 GMT

TIME WIL	CNTCY	WEIGHT G/M	REFS MM	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	WIND G/M	RM PCT	PAYSC KM	AZ DG
000	1501	4730.7	9730.8	8.3	-11.8	240.0	11.3	9.8	5.7	290.0	300.2	3.7	42.0	30.0	0.
009	1499	4730.0	10300.0	66.9	67.9	90.0	10.9	99.0	92.0	90.9	999.0	50.9	99.0	999.0	300.
018	1497	4729.3	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	97.9	999.0	10.9	99.9	999.0	300.
027	1495	4728.6	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
036	1493	4727.9	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
045	1491	4727.2	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
054	1489	4726.5	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
063	1487	4725.8	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
072	1485	4725.1	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
081	1483	4724.4	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
090	1481	4723.7	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
099	1479	4723.0	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
108	1477	4722.3	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
117	1475	4721.6	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
126	1473	4720.9	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
135	1471	4720.2	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
144	1469	4719.5	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
153	1467	4718.8	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
162	1465	4718.1	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
171	1463	4717.4	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
180	1461	4716.7	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
189	1459	4716.0	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
198	1457	4715.3	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
207	1455	4714.6	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
216	1453	4713.9	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
225	1451	4713.2	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
234	1449	4712.5	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
243	1447	4711.8	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
252	1445	4711.1	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
261	1443	4710.4	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
270	1441	4709.7	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
279	1439	4709.0	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
288	1437	4708.3	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
297	1435	4707.6	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
306	1433	4706.9	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
315	1431	4706.2	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
324	1429	4705.5	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
333	1427	4704.8	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
342	1425	4704.1	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
351	1423	4703.4	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
360	1421	4702.7	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
369	1419	4702.0	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
378	1417	4701.3	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
387	1415	4700.6	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
396	1413	4699.9	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
405	1411	4699.2	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
414	1409	4698.5	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
423	1407	4697.8	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
432	1405	4697.1	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
441	1403	4696.4	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
450	1401	4695.7	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
459	1399	4695.0	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
468	1397	4694.3	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
477	1395	4693.6	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
486	1393	4692.9	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
495	1391	4692.2	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
504	1389	4691.5	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
513	1387	4690.8	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
522	1385	4690.1	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
531	1383	4689.4	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
540	1381	4688.7	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
549	1379	4688.0	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
558	1377	4687.3	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
567	1375	4686.6	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
576	1373	4685.9	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
585	1371	4685.2	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
594	1369	4684.5	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
603	1367	4683.8	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
612	1365	4683.1	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
621	1363	4682.4	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
630	1361	4681.7	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
639	1359	4681.0	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
648	1357	4680.3	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
657	1355	4679.6	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
666	1353	4678.9	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
675	1351	4678.2	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
684	1349	4677.5	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
693	1347	4676.8	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	99.9	999.0	300.
702	1345	4676.1	9750.0	96.9	67.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9			

STATION NO. 270
EL PASO, TEXAS10 APRIL 1978
2003 GMT

TIME MIN	CATY	HEIGHT GDM	QGES MR	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SIC	U COMP M/SFL	V COMP M/SEC	POT T DG K	E POT Y DG K	WX PTO GM/KG	QCT	MAN'S KM	AZ DG
003	17.4	1135.3	944.0	17.0	-3.1	240.0	15.4	13.3	7.7	302.5	312.6	3.5	25.0	0.0	0
004	17.5	1135.3	1000.0	16.5	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
005	17.6	1135.3	975.0	16.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
006	17.7	1135.3	950.0	15.5	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
007	17.8	1135.3	925.0	15.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
008	17.9	1135.3	900.0	14.5	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
009	18.0	1135.3	875.0	14.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
010	18.1	1135.3	850.0	13.5	-5.3	247.0	21.4	19.8	4.1	301.5	309.4	2.8	22.9	7.5	99
011	18.2	1135.3	825.0	13.0	-7.3	253.4	22.4	21.5	5.4	301.2	309.4	2.7	25.3	1.7	99
012	18.3	1135.3	800.0	12.5	-9.6	257.9	23.0	22.5	4.4	301.1	309.4	2.5	27.2	1.7	99
013	18.4	1135.3	775.0	12.0	-12.7	257.4	24.2	21.7	4.0	301.1	309.4	2.4	27.7	2.3	99
014	18.5	1135.3	750.0	11.5	-15.7	255.9	24.9	20.3	5.1	301.2	309.4	2.4	15.7	3.0	99
015	18.6	1135.3	725.0	11.0	-18.3	253.2	21.9	21.0	6.3	300.7	309.4	2.4	42.3	3.9	99
016	18.7	1135.3	700.0	10.5	-20.8	248.7	23.5	22.1	6.1	300.7	309.4	2.4	43.1	5.0	99
017	18.8	1135.3	675.0	10.0	-23.4	248.2	24.9	22.7	7.5	302.8	309.4	2.3	57.0	5.5	99
018	18.9	1135.3	650.0	9.5	-26.1	241.5	24.0	22.8	7.5	301.0	309.4	1.9	54.9	9.9	99
019	19.0	1135.3	625.0	9.0	-28.6	231.5	26.5	23.2	9.4	301.1	309.4	2.1	71.9	13.2	99
020	19.1	1135.3	600.0	8.5	-31.1	229.1	26.0	23.3	9.5	301.4	309.4	1.4	57.5	17.4	99
021	19.2	1135.3	575.0	8.0	-33.6	226.7	26.1	23.3	9.5	302.6	309.4	1.1	42.7	19.9	99
022	19.3	1135.3	550.0	7.5	-36.1	224.2	26.9	24.7	10.7	303.1	309.4	1.0	57.2	23.6	99
023	19.4	1135.3	525.0	7.0	-38.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
024	19.5	1135.3	500.0	6.5	-41.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
025	19.6	1135.3	475.0	6.0	-43.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
026	19.7	1135.3	450.0	5.5	-46.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
027	19.8	1135.3	425.0	5.0	-48.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
028	19.9	1135.3	400.0	4.5	-51.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
029	20.0	1135.3	375.0	4.0	-53.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
030	20.1	1135.3	350.0	3.5	-56.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
031	20.2	1135.3	325.0	3.0	-58.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
032	20.3	1135.3	300.0	2.5	-61.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
033	20.4	1135.3	275.0	2.0	-63.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
034	20.5	1135.3	250.0	1.5	-66.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
035	20.6	1135.3	225.0	1.0	-68.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
036	20.7	1135.3	200.0	0.5	-71.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
037	20.8	1135.3	175.0	0.0	-73.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
038	20.9	1135.3	150.0	-0.5	-76.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
039	21.0	1135.3	125.0	-1.0	-78.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
040	21.1	1135.3	100.0	-1.5	-81.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
041	21.2	1135.3	75.0	-2.0	-83.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
042	21.3	1135.3	50.0	-2.5	-86.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
043	21.4	1135.3	25.0	-3.0	-88.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
044	21.5	1135.3	0.0	-3.5	-91.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
045	21.6	1135.3		-4.0	-93.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
046	21.7	1135.3		-4.5	-96.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
047	21.8	1135.3		-5.0	-98.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
048	21.9	1135.3		-5.5	-101.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
049	22.0	1135.3		-6.0	-103.6	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99
050	22.1	1135.3		-6.5	-106.1	224.5	26.9	24.4	12.1	303.1	309.4	1.0	57.2	25.1	99

* BY SPOD MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEND MEANS ELEVATION ANGLE BETWEEN 10 AND 10 DEG
 ** BY SPOD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

11 APRIL 1979
205 GMT

TIME MID	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY Y DG K	E POT Y DG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DG
000	2300	1103.0	957.4	7.6	-0.9	330.0	12.9	6.5	-11.2	292.6	374.2	4.1	54.0	7.0	90
005	2300	90.9	1002.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
010	2300	90.9	975.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
015	2300	90.9	950.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
020	2300	90.9	925.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
025	2300	90.9	900.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
030	2300	90.9	875.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
035	2300	90.9	850.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
040	2300	90.9	825.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
045	2300	90.9	800.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
050	2300	90.9	775.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
055	2300	90.9	750.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
060	2300	90.9	725.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
065	2300	90.9	700.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
070	2300	90.9	675.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
075	2300	90.9	650.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
080	2300	90.9	625.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
085	2300	90.9	600.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
090	2300	90.9	575.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
095	2300	90.9	550.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	2300	90.9	525.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
105	2300	90.9	500.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
110	2300	90.9	475.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
115	2300	90.9	450.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
120	2300	90.9	425.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
125	2300	90.9	400.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
130	2300	90.9	375.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
135	2300	90.9	350.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
140	2300	90.9	325.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
145	2300	90.9	300.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
150	2300	90.9	275.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
155	2300	90.9	250.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
160	2300	90.9	225.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
165	2300	90.9	200.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
170	2300	90.9	175.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
175	2300	90.9	150.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
180	2300	90.9	125.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
185	2300	90.9	100.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
190	2300	90.9	75.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
195	2300	90.9	50.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	2300	90.9	25.0	90.9	92.9	99.9	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 270
EL PASO, TEXAS

11 APRIL 1979
005 GMT

TIME MVA	CNTCT	HEIGHT GPM	PTS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT DEG K	MX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	17.4	1193.0	800.0	5.3	-0.9	320.0	10.3	6.0	-7.9	289.8	301.0	4.1	64.0	0.0	0.
0.0	17.4	1193.0	1000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	975.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	950.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	925.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	900.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	875.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	850.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	825.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	800.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	775.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	750.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	725.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	700.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	675.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	650.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	625.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	600.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	575.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	550.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	525.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	500.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	475.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	450.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	425.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	400.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	375.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	350.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	325.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	275.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	225.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	200.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	75.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	17.4	1193.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

10 APRIL 1979
1100 GMT

TIME MIN	UTC	HEIGHT GPM	PRES IN	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND GM/KG	SH PCT	RANGE KM	AZ DEG
700	067	1000	990.5	4.7	0.8	90.0	1.5	-1.5	0.0	278.2	289.8	4.1	72.0	0.2	00
705	92.3	990.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
710	94.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
715	96.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
720	98.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
725	101.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
730	103.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
735	105.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
740	107.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
745	109.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
750	112.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
755	114.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
760	116.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
765	118.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
770	120.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
775	123.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
780	125.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
785	127.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
790	129.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
795	131.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	134.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
805	136.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
810	138.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
815	140.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
820	142.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
825	145.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
830	147.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
835	149.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
840	151.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
845	153.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
850	156.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
855	158.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
860	160.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
865	162.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
870	164.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
875	167.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
880	169.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
885	171.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
890	173.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
895	175.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
900	178.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
905	180.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
910	182.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
915	184.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
920	186.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
925	189.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
930	191.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
935	193.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
940	195.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
945	197.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
950	200.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
955	202.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
960	204.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
965	206.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
970	208.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
975	211.1	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
980	213.3	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
985	215.5	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
990	217.7	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
995	219.9	990.0	990.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
 NASHVILLE, TENNESSEE

 10 APRIL 1979
 1415 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT T DG K	WX WFO GM/KG	RM PCT	RANGE KM	AZ DG
303	74	132.0	996.9	5.9	-0.4	90.0	1.5	-1.5	0.0	279.3	290.0	3.7	64.0	3.0	0
309	92.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
317	94	372.7	975.0	2.9	-2.0	99.9	99.9	99.9	99.9	278.1	286.4	3.2	65.2	99.9	99.9
142	11.6	572.6	950.0	1.2	-2.7	99.9	99.9	99.9	99.9	276.4	287.0	3.3	74.9	99.9	99.9
147	13.0	784.5	925.0	-1.1	-3.0	99.9	99.9	99.9	99.9	276.2	286.8	3.3	75.0	99.9	99.9
203	15.3	1002.5	903.0	-3.9	-3.5	99.9	99.9	99.9	99.9	275.1	287.1	3.3	93.3	99.9	99.9
341	13.7	1227.1	874.0	4.5	-17.9	99.9	99.9	99.9	99.9	286.5	322.4	1.5	24.0	0.3	248
349	21.2	1455.5	853.7	5.2	-9.0	99.9	99.9	99.9	99.9	294.8	371.1	2.2	27.7	99.9	99.9
407	23.6	1711.5	925.0	7.0	-9.9	99.9	99.9	99.9	99.9	296.1	372.4	2.2	29.3	99.9	99.9
505	26.1	1944.9	933.0	8.9	-10.2	99.9	99.9	99.9	99.9	300.5	372.4	2.2	29.3	99.9	99.9
604	24.5	2226.9	775.0	7.2	-10.8	230.7	6.7	5.2	4.2	301.8	309.0	2.2	26.4	0.9	71
702	31.1	2495.9	753.7	6.3	-11.3	223.2	6.9	4.7	5.0	303.4	309.0	2.1	27.0	1.2	64
803	33.7	2772.4	725.0	3.0	-13.5	224.7	7.6	5.3	5.4	303.7	309.3	1.9	25.7	1.6	59
901	35.3	3256.3	700.3	2.9	-13.9	230.0	8.0	6.1	5.2	303.7	311.4	1.9	27.5	2.0	56
1001	37.0	3700.1	675.3	1.2	-15.1	235.5	8.9	7.3	5.0	307.0	312.3	1.7	29.3	2.5	53
1101	41.4	3653.1	650.7	-0.4	-15.6	239.7	10.4	9.0	5.3	308.6	313.9	1.7	32.4	3.1	50
1201	44.4	3845.6	635.0	-2.3	-19.4	241.4	12.3	10.9	4.9	308.6	314.3	1.6	27.7	3.3	57
1301	47.4	4289.1	607.7	-5.2	-23.7	244.1	13.9	12.5	6.1	310.1	314.0	1.2	29.2	4.6	59
1403	53.3	4621.0	575.3	-7.2	-23.1	246.9	15.9	14.6	6.2	311.8	314.9	1.3	25.7	5.6	59
1504	54.3	4905.0	550.0	-9.6	-24.7	247.4	18.3	16.9	7.0	312.7	315.7	0.9	28.0	6.7	61
1605	55.7	5323.0	525.0	-12.9	-24.4	248.0	20.2	18.7	7.6	313.1	316.4	1.0	37.1	8.0	62
1705	57.4	5682.0	502.0	-16.2	-25.3	244.7	20.8	18.0	8.9	313.3	316.5	1.0	45.2	9.6	63
1803	58.4	6076.4	475.0	-19.7	-27.7	241.7	18.6	17.3	9.3	313.6	316.3	0.9	46.5	11.1	63
2003	59.7	6477.2	453.0	-21.4	-25.4	243.9	18.3	16.5	8.1	316.3	319.5	1.0	58.1	12.6	63
2107	62.4	6996.0	425.0	-24.7	-27.8	250.5	17.1	16.1	5.7	317.3	320.3	0.9	75.7	14.7	63
2303	72.3	7335.6	400.0	-26.9	-37.8	263.2	15.2	19.1	2.3	320.0	322.5	0.7	59.1	15.4	64
2407	76.6	7599.0	375.0	-30.1	-39.0	263.7	21.4	21.3	2.4	321.0	323.2	0.4	45.7	17.3	64
2503	80.3	8266.7	350.3	-33.8	-42.5	260.0	20.4	20.1	3.5	322.2	323.8	0.2	24.1	13.7	64
2702	82.3	8911.6	325.3	-38.2	-50.5	262.5	24.3	21.1	2.5	324.0	324.4	0.1	25.0	20.3	64
2907	93.4	9165.4	333.3	-43.1	-53.9	263.8	24.7	24.6	2.7	324.7	324.7	0.1	99.9	22.4	73
3103	92.3	9925.5	275.0	-48.9	-57.9	261.5	24.3	24.0	4.2	324.5	324.5	0.9	99.9	25.1	72
3202	97.4	10544.1	250.0	-55.0	-59.4	259.0	33.6	32.0	6.2	324.4	324.4	0.9	99.9	27.2	73
3402	102.2	11200.7	225.0	-59.4	-59.9	264.9	35.9	35.0	3.2	327.4	327.4	0.9	99.9	32.2	74
3504	107.4	11944.4	203.0	-60.0	-60.0	269.6	36.5	34.5	0.1	337.8	329.9	0.9	99.9	37.2	75
3603	113.4	12775.4	175.7	-58.9	-60.3	268.5	36.0	30.0	0.8	351.0	329.9	0.9	99.9	41.8	77
4109	119.3	13776.0	150.7	-58.0	-60.9	260.1	35.4	36.6	5.8	367.2	329.9	0.9	99.9	47.4	78
4409	125.0	14944.7	125.0	-62.5	-69.9	265.7	46.2	40.1	3.0	341.6	329.9	0.9	99.9	55.3	79
4909	133.3	15233.4	100.3	-64.3	-69.9	274.5	33.5	33.4	-2.6	403.6	329.9	0.9	99.9	63.7	90
5304	142.7	15000.4	75.0	-64.4	-69.9	267.2	22.2	22.2	1.1	437.9	329.9	0.9	99.9	71.0	91
5905	151.3	20576.0	53.0	-58.8	-59.9	274.8	16.9	18.9	-1.6	505.7	329.9	0.9	99.9	73.9	93
6302	161.3	24957.4	25.0	-47.9	-60.9	238.5	16.2	16.4	19.1	647.4	329.9	0.9	99.9	87.4	92

* 3Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

** 3Y SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE10 APRIL 1979
1720 GMT

159 13. 0

TIME MIN	CHYR	WEIGHT GWS	TEMP OC C	DRW PT DG C	DTP DG	SPLD M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	F POT Y DG K	WX RTD CM/KG	RM PCT	RANGE KM	AZ DG
30	7.3	193.3	7.1	2.0	90.0	2.6	-2.6	0.0	289.6	292.1	4.5	70.0	0.0	9.0
31	7.3	193.3	9.9	9.9	99.9	9.9	99.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9
32	7.3	193.3	4.1	-1.0	90.0	8.2	-5.1	1.3	279.3	292.1	3.4	65.0	0.2	27.0
33	11.6	5.2	2.0	-1.0	100.0	7.0	-6.0	1.2	279.2	292.1	3.0	70.0	0.6	27.0
34	11.6	5.2	-7.2	-1.0	105.0	6.0	-5.0	1.6	279.1	292.1	3.0	80.0	0.6	27.0
35	13.0	5.2	4.2	-1.0	107.0	2.0	-2.0	0.0	295.9	290.0	1.4	25.0	1.3	23.0
36	13.0	5.2	10.6	-7.2	192.0	2.0	0.4	2.0	294.7	301.0	2.2	20.0	1.1	23.0
37	21.0	147.4	12.1	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
38	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
39	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
40	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
41	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
42	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
43	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
44	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
45	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
46	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
47	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
48	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
49	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
50	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
51	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
52	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
53	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
54	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
55	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
56	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
57	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
58	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
59	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
60	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
61	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
62	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
63	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
64	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
65	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
66	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
67	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
68	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
69	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0
70	21.0	147.4	11.5	-3.0	245.5	3.2	4.7	2.7	298.9	301.0	2.0	22.0	0.3	23.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TWD MEANS TEMPERATURE DO TIME HAVE BEEN INTERPOLATED
 * BY SPT MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE10 APRIL 1979
2025 GMT

TIME 414	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DC R	P POT 7 DC R	MX WTD CM/SEC	RM PCT	RANGE KM	AZ DEG
3.3	5.9	192.7	994.4	11.9	2.3	170.9	1.5	-0.3	1.5	283.4	297.4	4.5	52.0	0.0	0.
9.9	9.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
9.5	7.5	344.1	973.9	9.3	1.5	999.9	999.9	99.9	99.9	296.1	296.1	4.4	59.3	999.9	99.9
1.3	9.7	574.7	950.0	7.0	0.7	999.9	999.9	99.9	99.9	294.3	294.3	4.2	64.3	999.9	99.9
2.2	12.4	777.2	925.0	4.7	0.8	999.9	999.9	99.9	99.9	291.7	291.7	4.4	75.7	999.9	99.9
3.1	14.3	1007.3	937.9	3.6	-0.2	999.9	999.9	99.9	99.9	288.2	288.2	4.2	74.7	999.9	99.9
4.3	15.4	1231.9	975.0	10.2	-7.9	999.9	999.9	99.9	99.9	294.4	294.4	2.1	23.2	999.9	99.9
4.9	13.4	1672.9	952.0	10.9	-7.6	999.9	999.9	99.9	99.9	297.6	297.6	2.2	22.5	999.9	99.9
5.7	21.4	1710.0	925.0	10.1	-1.2	999.9	999.9	99.9	99.9	298.3	298.3	4.3	45.6	999.9	99.9
5.9	21.7	1077.3	899.9	6.6	2.0	999.9	999.9	99.9	99.9	300.3	311.7	5.5	63.0	999.9	99.9
7.5	29.2	2272.9	775.3	7.5	4.6	250.4	14.4	13.5	4.5	301.9	321.1	8.9	81.9	2.0	53.
9.5	29.4	2510.3	750.0	7.4	1.4	257.3	15.1	14.2	5.1	308.6	322.6	9.7	65.3	2.0	57.
9.5	31.1	2769.6	725.0	5.3	-3.0	255.8	16.9	16.4	4.1	375.3	320.3	5.3	69.4	3.9	41.
13.5	33.4	3374.4	700.0	2.7	-0.4	256.3	18.4	17.9	4.4	304.5	320.7	4.3	90.0	4.9	53.
11.7	35.2	3274.9	575.7	9.1	-7.5	254.0	21.3	21.1	6.0	305.2	321.4	5.5	95.6	6.1	57.
12.7	39.4	3573.3	452.7	-7.4	-13.4	254.7	26.6	25.7	7.3	304.6	316.9	2.7	47.9	7.6	59.
13.9	41.4	3973.7	425.0	-2.1	-12.2	254.0	29.5	28.4	9.1	310.1	317.4	2.4	45.7	9.5	70.
15.7	44.2	4373.4	403.0	-4.7	-13.1	252.9	29.6	28.3	8.7	310.7	319.7	3.0	45.5	11.4	73.
16.2	47.0	4633.4	375.3	-7.7	-12.0	254.9	29.1	28.6	7.6	311.0	317.1	2.7	71.4	13.7	71.
17.4	47.4	4994.1	353.0	-10.3	-21.6	260.6	27.8	27.5	4.5	312.3	316.0	0.5	15.6	15.9	72.
17.7	52.7	5241.7	325.3	-11.7	-35.3	262.4	25.5	25.3	3.4	314.4	315.6	0.4	12.0	17.9	73.
23.3	55.4	5713.7	500.0	-14.0	-35.4	260.5	24.0	23.7	4.0	315.9	317.2	0.4	14.4	19.7	74.
21.3	54.6	4103.4	475.0	-17.5	-37.3	257.1	24.2	23.6	5.4	316.3	317.5	7.3	14.9	21.5	74.
22.7	51.4	4522.8	452.9	-20.7	-39.4	251.2	27.6	26.1	9.9	317.2	318.3	0.3	14.4	23.7	74.
23.2	63.4	5222.6	425.3	-23.6	-43.7	249.0	31.5	29.4	11.3	318.7	319.4	0.3	18.9	26.3	74.
23.5	58.3	7723.0	471.3	-25.9	-44.5	252.2	31.6	30.0	9.7	320.3	321.4	7.1	19.5	29.1	73.
27.2	71.7	7524.9	175.0	-27.7	-47.0	252.9	33.1	31.5	9.5	325.9	321.7	7.1	22.4	35.3	73.
31.5	75.3	9312.1	357.0	-35.3	-63.1	254.1	33.6	32.3	9.2	321.2	321.7	0.1	22.4	34.9	74.
31.5	79.3	9921.7	325.3	-39.6	-62.4	256.4	34.2	33.3	9.0	322.1	322.4	0.1	22.4	42.8	74.
34.5	92.7	9763.4	700.0	-44.2	99.9	257.2	36.0	34.2	7.8	323.1	999.9	99.9	99.9	47.3	74.
34.5	39.4	982.6	275.3	-46.7	99.9	256.5	39.7	38.6	9.3	327.5	999.9	99.9	99.9	47.3	74.
35.3	41.0	13570.7	250.0	-50.3	99.9	256.5	33.4	32.4	9.4	331.3	999.9	99.9	99.9	47.3	74.
33.5	39.4	11241.1	225.0	-55.4	99.9	251.7	34.6	32.9	10.9	333.7	999.9	99.9	99.9	47.3	74.
41.3	13.2	1193.4	237.3	-59.7	99.9	255.5	42.8	41.4	10.7	338.2	999.9	99.9	99.9	47.3	74.
41.3	15.4	12924.3	175.3	-61.5	59.9	258.7	48.0	47.1	9.4	348.4	999.9	99.9	99.9	47.3	74.
46.3	11.3	13749.4	152.3	-49.7	99.9	261.9	47.5	47.0	9.8	365.6	999.9	99.9	99.9	47.3	74.
50.3	17.3	13016.3	124.0	-41.4	99.9	265.0	41.5	41.4	3.6	393.9	999.9	99.9	99.9	47.3	74.
53.1	14.3	10293.3	139.0	-63.6	99.9	262.3	31.8	31.6	4.3	404.1	999.9	99.9	99.9	47.3	74.
53.2	13.7	1477.7	75.3	-53.4	99.9	270.9	24.5	24.5	-0.4	440.1	999.9	99.9	99.9	104.1	77.
55.1	13.0	23511.3	50.3	-55.4	99.9	267.9	17.4	17.4	0.6	503.5	999.9	99.9	99.9	111.5	79.
99.9	99.9	99.9	25.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE11 APRIL 1979
205 GMT

TIME UT	CUTCT	HEIGHT GCM	QWES MB	TEMP DEG C	QWEN DEG C	DIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG N	E POS T DEG E	MR RTO GCM	RM PCT	RANGE KM	AZ DEG
303	701	1976.3	693.5	15.5	5.1	367.9	5.0	0.0	0.0	284.2	298.5	5.5	99.0	2.0	0.
309	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
315	2.7	335.3	675.3	10.9	2.4	166.7	5.1	-1.2	5.7	284.1	299.4	4.7	99.9	0.3	259.
1.3	14.9	943.4	950.0	10.9	2.7	125.0	6.9	-3.7	4.0	288.2	301.3	4.9	99.9	7.5	277.
2.3	13.1	775.7	925.0	10.3	1.9	160.1	16.3	-3.5	9.7	289.9	302.6	4.3	99.9	9.5	276.
2.8	15.4	1075.3	932.0	12.1	-0.9	169.5	14.7	-2.7	14.5	294.0	305.0	4.0	99.9	1.3	319.
3.3	17.6	1243.5	975.0	11.5	-14.5	189.7	12.7	0.2	13.7	294.1	310.4	1.4	99.9	1.9	329.
3.8	14.9	1442.7	940.0	11.3	-16.5	197.3	14.9	4.1	13.3	299.1	312.3	1.2	99.9	2.4	379.
5.2	22.4	1731.5	925.0	10.6	-15.6	209.4	13.6	7.1	12.7	298.9	310.8	1.3	99.9	3.0	349.
6.1	24.4	1937.3	930.0	8.6	-4.1	214.3	13.8	7.0	11.4	300.6	319.6	3.5	99.9	3.6	357.
7.0	27.0	2247.1	975.0	7.1	3.9	219.9	11.6	7.5	9.9	301.4	319.6	6.5	99.9	4.1	4.
8.0	24.4	2519.4	750.0	5.4	3.7	221.7	11.0	6.6	7.4	302.4	321.0	5.7	99.9	4.0	8.
9.0	31.0	2734.9	725.0	3.3	3.3	225.4	10.2	7.2	7.1	303.1	318.4	5.4	99.9	5.1	12.
10.3	34.6	3072.4	700.0	2.1	-1.4	235.6	10.8	8.9	4.1	304.8	318.0	5.0	99.9	5.1	16.
11.4	33.6	3372.5	675.0	2.7	-5.1	235.3	13.9	11.5	7.9	305.4	315.6	3.1	99.9	6.1	23.
12.3	42.1	3685.1	650.0	0.3	-13.4	234.4	17.4	14.1	10.1	309.3	317.4	2.7	99.9	6.9	24.
12.7	42.1	3685.1	650.0	-1.6	-13.2	236.9	18.9	15.0	10.3	319.3	317.2	2.2	99.9	6.2	28.
14.3	47.5	4312.2	600.0	-5.0	-13.4	236.6	16.2	16.0	9.7	319.4	317.3	2.3	99.9	9.3	33.
15.1	47.4	4445.4	575.0	-7.2	-17.9	240.7	20.0	17.4	9.0	311.6	314.7	1.4	99.9	17.2	39.
16.2	57.2	4523.4	550.0	-8.5	-22.4	245.0	18.7	18.9	7.9	312.8	316.2	1.1	99.9	11.4	39.
17.1	57.1	5047.6	524.0	-12.5	-24.8	251.7	16.7	15.9	5.2	313.4	315.6	0.7	99.9	12.4	42.
18.5	56.0	5717.7	430.0	-16.0	-29.8	253.9	14.5	15.9	4.6	314.5	315.7	0.6	99.9	13.4	46.
19.5	54.0	6131.2	475.0	-19.7	-32.3	252.6	17.3	17.0	5.3	313.6	315.4	0.5	99.9	14.4	46.
20.7	52.1	6533.9	450.0	-23.9	-34.5	255.9	14.1	19.0	4.9	314.6	316.2	0.4	99.9	15.6	49.
22.1	53.4	5917.4	425.0	-26.1	-37.6	259.5	23.1	21.7	4.1	315.6	316.7	0.4	99.9	17.1	51.
23.4	58.4	7144.2	425.0	-28.4	-42.7	260.2	24.5	25.1	4.3	317.6	318.4	0.2	99.9	14.9	54.
24.9	72.0	7412.4	175.0	-28.9	-46.5	261.3	24.4	24.1	4.3	319.5	321.3	0.5	99.9	17.5	52.
25.4	73.4	4294.4	353.0	-32.0	-39.7	253.2	30.7	34.2	10.3	321.5	322.6	0.4	99.9	23.5	43.
25.5	73.1	4573.0	325.0	-32.3	-39.9	245.3	30.0	35.4	16.3	322.5	322.9	0.4	99.9	23.5	43.
25.9	42.9	3751.9	375.0	-32.3	-39.9	245.3	30.0	35.4	16.3	323.3	323.3	0.4	99.9	23.5	43.
31.9	37.3	3324.9	275.0	-44.5	-99.9	242.7	36.9	35.4	16.5	323.5	323.5	0.4	99.9	23.5	43.
34.3	31.7	12447.4	250.0	-52.5	-99.9	253.7	37.0	35.5	10.4	325.5	325.5	0.4	99.9	23.5	43.
36.1	35.0	11217.9	225.0	-52.5	-99.9	252.7	40.1	38.3	11.9	325.5	325.5	0.4	99.9	23.5	43.
36.7	135.4	11059.2	230.0	-52.0	-99.9	256.3	47.4	46.0	6.7	327.3	327.3	0.4	99.9	23.5	43.
41.1	135.4	12797.6	175.0	-62.9	-99.9	259.9	199.9	99.9	99.9	346.3	346.3	0.4	99.9	23.5	43.
43.9	94.3	93.0	157.0	-70.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44.9	94.3	99.0	125.0	-95.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.9	94.3	99.0	133.0	-95.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.9	94.3	99.0	70.3	-95.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.9	94.3	99.0	50.3	-95.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.9	94.3	99.0	25.3	-95.0	-99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPCN MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 327
NASHVILLE, TENNESSEE11 APRIL 1979
0500 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX QTD GM/KG	PH PCT	RANGE KM	AZ DG
000	7.3	180.0	973.0	9.5	5.1	360.0	6.0	0.0	0.0	283.2	297.6	5.5	74.0	0.0	9.0
005	9.0	100.0	973.0	9.5	9.9	99.9	9.9	9.9	9.9	99.9	99.9	9.9	99.9	99.9	9.9
010	9.0	332.5	975.0	11.7	2.6	213.9	12.3	6.9	10.3	290.9	299.5	4.7	53.5	0.7	20.0
015	11.3	552.1	970.0	15.5	2.7	161.9	14.2	-4.4	13.5	292.9	306.2	4.9	42.2	0.7	31.9
020	13.6	778.2	925.0	15.0	2.6	172.1	16.7	-2.3	16.5	294.6	309.3	5.0	43.1	1.5	31.6
025	15.0	1000.0	900.0	12.2	2.8	175.2	18.6	-1.2	19.5	295.1	307.6	4.5	42.5	2.3	34.2
030	15.4	1245.9	975.0	11.7	3.6	193.5	18.3	1.1	16.2	296.0	311.6	5.7	57.6	3.1	38.7
035	20.4	1448.0	950.0	10.3	7.5	192.2	13.5	2.9	13.2	296.9	320.6	9.3	95.5	3.9	35.1
040	23.2	1735.9	925.0	9.9	7.7	206.5	12.6	5.6	11.3	299.0	321.2	9.2	91.7	4.4	35.5
045	25.5	1996.1	900.0	11.4	3.3	220.2	12.1	7.9	9.3	303.2	320.4	6.1	57.3	4.9	0.0
050	28.1	2100.0	775.0	9.6	4.3	227.3	12.0	8.9	8.1	304.1	323.1	5.9	59.9	5.0	7.0
055	30.3	2533.5	750.0	7.5	2.0	231.2	12.7	9.9	8.0	304.7	321.4	5.9	68.1	6.0	12.0
060	32.2	2600.1	725.0	5.5	-1.6	233.2	14.9	11.9	8.9	305.5	319.0	4.7	62.3	6.5	14.0
065	35.3	3065.1	700.0	3.6	-7.9	237.2	15.8	13.3	8.6	306.5	318.3	2.6	35.6	7.2	19.0
070	38.0	3442.4	675.0	1.4	-11.0	238.7	16.0	13.7	9.3	307.2	314.6	2.5	39.2	8.0	23.0
075	41.3	3662.2	650.0	-2.7	-13.6	239.2	18.4	14.9	10.3	308.7	314.5	1.9	32.9	8.0	27.0
080	44.1	4035.5	625.0	-2.3	-15.4	230.2	21.6	14.6	13.5	309.1	314.5	1.8	37.3	10.0	32.0
085	47.0	4325.6	600.0	-5.1	-14.3	224.7	22.1	15.6	15.7	310.2	315.7	2.1	49.4	11.5	32.0
090	49.9	4652.9	575.0	-7.4	-15.5	219.8	20.1	12.9	15.4	311.3	317.5	2.0	52.3	12.9	33.0
095	52.4	5006.7	550.0	-10.9	-17.5	216.7	17.0	10.6	13.4	312.3	317.4	1.9	51.7	13.1	34.0
100	55.0	5361.4	525.0	-13.4	-19.2	218.4	14.5	9.7	11.4	312.4	317.0	1.5	54.2	15.2	34.0
105	58.0	5730.6	500.0	-16.6	-21.0	225.4	13.0	9.3	9.1	312.9	317.4	1.4	49.3	15.2	34.0
110	61.0	6118.2	475.0	-19.4	-25.2	244.1	12.3	11.1	5.4	315.6	317.3	1.0	43.1	17.1	35.0
115	64.0	6513.6	450.0	-22.8	-27.7	256.7	14.9	14.5	3.4	315.6	317.4	0.7	53.8	17.9	37.0
120	67.0	6917.9	425.0	-25.1	-30.0	260.9	18.0	17.4	2.9	316.9	317.4	0.2	13.6	18.9	40.0
125	70.0	7366.5	400.0	-27.5	-32.5	257.7	20.6	19.8	5.3	318.2	319.6	0.1	17.2	20.1	43.0
130	73.1	7833.2	375.0	-31.4	-35.0	250.2	24.3	22.8	4.2	320.0	320.6	0.1	15.6	22.3	45.0
135	76.1	8313.4	350.0	-35.0	-37.8	250.8	29.1	27.5	4.6	320.3	320.6	0.1	14.4	24.4	49.0
140	79.3	8805.7	325.0	-38.6	-40.1	251.6	32.0	30.3	10.1	322.1	322.3	0.0	11.4	27.9	51.0
145	82.0	9305.9	300.0	-42.4	-42.8	253.0	32.2	30.8	9.4	325.0	322.3	0.0	93.7	30.5	53.0
150	85.0	9832.3	275.0	-46.2	-45.9	259.1	32.3	31.7	6.1	325.4	322.3	0.0	90.3	33.0	55.0
155	88.0	10366.0	250.0	-50.5	-49.9	264.5	32.1	32.0	2.9	325.4	322.3	0.0	97.9	35.2	58.0
160	91.0	10912.7	225.0	-54.1	-53.9	254.4	41.9	40.3	11.2	325.4	322.3	0.0	97.9	41.1	62.0
165	94.0	11473.0	200.0	-57.4	-57.9	255.6	51.7	50.1	12.0	332.3	322.3	0.0	97.9	45.9	62.0
170	97.0	12046.0	175.0	-62.4	-62.4	257.9	52.5	51.3	11.0	347.0	322.3	0.0	97.9	51.7	65.0
175	100.0	12634.0	150.0	-65.1	-65.1	263.5	47.4	47.1	5.3	375.0	322.3	0.0	97.9	55.4	57.0
180	103.0	13245.0	125.0	-68.2	-68.2	266.2	40.1	40.3	2.6	382.2	322.3	0.0	97.9	75.3	59.0
185	106.0	13880.0	100.0	-70.6	-70.6	254.5	31.8	30.7	8.5	395.2	322.3	0.0	97.9	82.9	70.0
190	109.0	14540.0	75.0	-73.5	-73.5	251.1	23.8	22.5	7.7	439.6	322.3	0.0	97.9	91.3	70.0
195	112.0	15225.0	50.0	-76.7	-76.7	271.9	16.1	16.1	-0.5	490.6	322.3	0.0	97.9	98.4	71.0
200	115.0	15935.0	25.0	-80.0	-80.0	245.0	16.5	14.9	7.0	641.3	322.3	0.0	97.9	105.5	72.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 ** BY TEMP MEANS TEMPERATURE TO TIME HAVE BEEN INTERPOLATED
 *** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE11 APRIL 1979
0230 GMT

TIME 414	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX WTD GMS/KG	RM PCT	RANGE KM	AZ DG
0.3	7.6	160.0	991.3	10.4	7.3	140.0	1.5	-1.0	1.1	284.3	301.0	6.5	91.0	0.0	0.
0.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.1	320.0	975.0	15.7	4.7	999.9	999.9	99.9	99.9	290.0	355.7	5.5	47.8	99.9	99.9
1.2	11.5	541.3	950.0	17.1	6.5	999.9	999.9	99.9	99.9	290.5	311.9	6.4	49.8	99.9	99.9
2.1	13.4	748.9	925.3	16.7	10.1	999.9	999.9	99.9	99.9	290.4	318.9	8.4	65.1	99.9	99.9
3.1	15.2	1075.6	900.0	15.9	14.6	999.9	999.9	99.9	99.9	297.9	329.0	11.8	92.5	99.9	99.9
3.9	13.4	1242.1	975.0	14.3	13.5	999.9	999.9	99.9	99.9	298.7	328.6	11.3	95.2	99.9	99.9
4.5	11.1	1447.3	910.0	13.1	12.2	999.9	999.9	99.9	99.9	298.4	328.4	11.4	94.3	99.9	99.9
5.3	23.6	1738.4	825.0	11.4	10.4	999.9	999.9	99.9	99.9	300.7	328.9	9.7	93.6	99.9	99.9
5.3	25.1	1905.4	825.0	9.7	9.8	999.9	999.9	99.9	99.9	301.5	325.9	9.7	93.6	99.9	99.9
7.3	25.7	2258.9	775.0	7.8	6.8	999.9	999.9	99.9	99.9	302.2	324.4	9.1	93.4	99.9	99.9
9.2	31.3	2523.2	750.0	6.7	4.1	999.9	999.9	99.9	99.9	303.8	323.1	6.9	94.0	99.9	99.9
11.1	35.6	3094.9	720.0	4.4	-2.9	999.9	999.9	99.9	99.9	304.5	319.9	4.3	91.2	99.9	99.9
11.1	39.3	3390.3	675.0	2.4	-5.8	999.9	999.9	99.9	99.9	307.8	318.3	3.7	46.4	99.9	99.9
12.1	42.1	3604.2	650.0	0.2	-5.1	999.9	999.9	99.9	99.9	309.2	320.2	3.7	42.9	99.9	99.9
13.2	44.2	4007.6	625.0	-2.5	-6.2	999.9	999.9	99.9	99.9	309.6	321.0	3.8	75.2	99.9	99.9
14.4	47.4	4338.4	600.0	-5.1	-6.9	217.9	16.6	10.2	13.1	310.2	321.5	3.9	87.0	14.6	14.
15.9	53.7	4663.7	575.0	-7.6	-9.8	227.4	16.7	12.3	11.3	311.1	321.3	3.4	91.0	15.7	14.
16.9	57.7	5003.5	550.0	-10.1	-11.6	230.2	14.7	11.3	9.4	312.1	320.9	2.9	99.7	16.6	22.
18.3	56.3	5358.7	525.0	-12.8	-14.3	228.6	13.4	9.5	9.2	313.0	320.4	2.4	99.5	17.5	22.
19.3	59.0	5735.6	500.0	-14.9	-16.0	232.3	14.0	11.0	9.5	314.9	318.7	1.2	49.9	19.5	23.
20.7	53.1	6123.2	475.0	-17.2	-18.9	240.3	14.6	12.7	7.2	316.7	317.3	0.2	7.7	19.5	25.
22.2	66.4	6528.1	450.0	-20.1	-22.6	252.1	14.7	14.0	4.5	317.9	316.0	0.0	1.0	20.5	27.
23.7	59.0	6947.2	425.0	-22.5	-25.1	251.1	16.3	15.5	5.3	319.7	319.7	0.0	1.4	21.5	30.
25.3	73.4	7399.2	400.0	-26.3	-28.9	249.9	18.1	17.0	6.2	320.2	320.2	0.1	5.6	22.9	33.
26.7	77.0	7850.4	375.0	-30.6	-33.3	254.9	21.6	20.9	5.6	321.2	321.6	0.1	13.9	24.9	35.
28.2	83.7	8378.3	350.0	-32.5	-35.7	254.7	28.8	27.6	7.6	323.5	325.1	0.5	73.4	25.9	35.
29.9	94.7	8851.4	325.0	-37.5	-40.4	252.2	26.0	24.7	8.6	325.0	326.3	0.3	73.7	28.2	42.
31.5	95.7	9111.4	300.0	-41.2	-43.9	258.3	27.5	25.5	10.1	326.5	327.9	0.9	97.9	32.7	44.
33.3	97.0	9344.0	275.0	-47.4	-49.9	249.9	30.2	28.3	13.4	328.6	329.9	0.9	99.9	33.7	47.
35.4	97.4	10405.9	250.0	-53.4	-55.9	248.5	34.6	32.2	12.7	326.8	328.9	0.9	99.9	37.1	49.
37.0	102.2	11278.2	225.0	-58.1	-60.9	247.9	41.0	38.0	15.4	329.4	330.9	0.9	99.9	41.8	51.
40.1	117.4	12778.9	200.0	-63.4	-65.9	256.3	43.5	42.7	10.3	332.4	333.9	0.9	99.9	47.9	54.
42.3	112.3	12522.7	175.0	-65.5	-68.9	260.5	47.4	46.7	7.8	341.6	342.9	0.9	99.9	54.8	57.
45.1	119.0	13770.3	150.0	-68.3	-70.9	260.5	47.5	46.9	7.6	367.9	369.9	0.9	99.9	63.4	61.
48.1	125.4	14901.9	125.0	-64.0	-66.9	260.2	42.3	41.7	7.2	379.1	380.9	0.9	99.9	71.2	63.
50.3	132.4	15262.6	100.0	-66.3	-68.9	247.9	31.4	28.0	11.9	398.7	399.9	0.9	99.9	79.1	68.
53.5	141.7	15711.1	75.0	-64.3	-66.9	258.3	24.3	23.8	4.9	438.0	439.9	0.9	99.9	89.3	75.
56.1	150.3	24931.8	50.0	-62.1	-64.9	268.7	17.3	17.3	7.4	502.0	503.9	0.9	99.9	95.6	97.
73.9	133.0	24876.3	25.0	-49.6	-49.9	251.5	16.7	17.7	5.9	642.0	643.9	0.9	99.9	106.2	118.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE11 APRIL 1979
1100 GMT

153 11. 0

TIME MIN	CNCTP	HEIGHT GPM	PRES MB	TEMP DEG C	DW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	DOT Y DEG K	E DOT Y DEG K	MR DTD G/KG	PH PCT	RANGE KM	AZ DEG
203	700	14207	931.5	15.0	7.5	170.0	4.6	-0.9	4.5	299.9	305.2	5.5	51.3	0.3	0.0
204	900	920.9	1001.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
205	410	722.6	975.0	15.8	5.9	163.7	13.9	-3.9	13.4	291.1	377.1	6.9	51.6	0.8	32.0
206	110	463.4	957.0	15.2	6.8	152.9	19.4	-3.7	17.1	293.3	370.4	6.5	50.9	1.2	33.0
207	130	473.1	925.0	15.4	11.7	192.5	23.8	1.1	23.9	295.2	370.1	7.4	77.9	2.4	34.0
208	150	1001.0	925.0	14.8	13.5	192.5	24.4	4.7	23.9	295.2	370.1	13.9	72.1	3.5	35.0
209	170	1021.7	975.0	12.4	12.1	192.5	23.7	6.9	22.7	297.9	325.1	12.2	94.4	4.5	36.0
210	190	1001.0	950.0	12.2	7.7	192.5	24.3	7.3	21.2	299.5	323.0	9.9	84.4	5.7	37.0
211	210	1001.0	925.0	11.2	5.3	200.4	23.4	8.3	21.9	303.4	313.2	6.9	67.3	7.1	38.0
212	230	1001.0	975.0	9.6	4.6	207.7	21.6	10.1	17.1	301.4	313.2	6.7	71.2	8.1	39.0
213	250	2250.1	750.0	7.5	5.7	211.6	19.9	11.0	16.6	371.9	325.5	7.5	94.4	9.2	40.0
214	270	2250.1	750.0	7.1	-1.9	211.6	22.0	12.4	19.2	374.2	317.1	4.5	81.2	10.1	41.0
215	290	2250.1	725.0	6.1	-1.5	215.9	22.4	13.4	19.0	376.2	317.1	4.1	57.1	11.4	42.0
216	310	3001.4	700.0	3.7	-4.9	215.9	20.8	12.2	16.2	376.2	317.1	3.9	57.6	12.7	43.0
217	330	3145.9	675.0	1.4	-7.9	215.0	16.5	11.4	14.6	376.2	317.1	3.1	42.2	13.9	44.0
218	350	3145.9	650.0	-0.4	-11.1	221.1	16.7	11.0	12.6	376.2	317.1	2.7	42.2	15.2	45.0
219	370	4001.0	625.0	-5.7	-11.6	215.9	15.9	9.3	12.9	376.2	317.1	2.6	52.7	16.5	46.0
220	390	4001.0	600.0	-6.1	-12.2	215.9	14.3	7.7	12.0	376.2	317.1	2.5	52.7	17.8	47.0
221	410	4001.0	575.0	-6.5	-15.0	215.9	13.3	7.5	11.0	376.2	317.1	2.4	51.2	19.1	48.0
222	430	5001.2	550.0	-9.7	-14.5	217.3	12.4	7.5	9.9	376.2	317.1	1.9	57.1	20.4	49.0
223	450	5001.2	525.0	-12.4	-13.0	221.7	9.5	6.7	7.1	376.2	317.1	1.6	43.9	21.7	50.0
224	470	5001.2	500.0	-15.9	-13.6	218.3	16.4	6.4	6.3	376.2	317.1	1.5	77.2	23.0	51.0
225	490	5115.1	475.0	-18.7	-21.3	210.2	14.9	7.5	12.9	376.2	317.1	1.3	77.2	24.3	52.0
226	510	5115.1	450.0	-21.5	-23.4	210.2	18.4	12.1	15.4	376.2	320.4	1.3	81.1	25.6	53.0
227	530	4775.3	425.0	-24.8	-25.4	227.9	19.3	12.4	14.6	376.2	320.4	1.0	90.2	26.9	54.0
228	550	7375.5	400.0	-27.6	-27.9	227.9	16.5	11.4	12.0	376.2	320.4	0.7	86.4	28.2	55.0
229	570	7375.5	375.0	-30.9	-25.5	228.0	13.3	9.9	9.7	376.2	320.4	0.5	86.4	29.5	56.0
230	590	7375.5	350.0	-34.5	-23.4	230.7	15.2	11.7	9.6	376.2	320.4	0.3	86.4	30.8	57.0
231	610	8330.2	325.0	-37.4	-43.2	230.7	12.5	10.3	6.3	376.2	320.4	0.2	86.4	32.1	58.0
232	630	9370.1	300.0	-40.1	-43.9	250.8	12.7	12.0	4.2	376.2	320.4	0.2	86.4	33.4	59.0
233	650	9370.1	275.0	-42.9	-43.9	250.8	15.8	15.4	3.5	376.2	320.4	0.2	86.4	34.7	60.0
234	670	10375.3	250.0	-45.9	-43.9	240.7	21.0	16.3	10.7	376.2	320.4	0.2	86.4	36.0	61.0
235	690	11375.3	225.0	-48.1	-43.9	253.4	31.6	30.3	9.0	376.2	320.4	0.2	86.4	37.3	62.0
236	710	11375.3	200.0	-50.1	-43.9	253.4	47.3	46.0	11.0	376.2	320.4	0.2	86.4	38.6	63.0
237	730	12375.3	175.0	-52.6	-43.9	253.4	45.1	47.5	12.0	376.2	320.4	0.2	86.4	39.9	64.0
238	750	13375.3	150.0	-55.1	-43.9	253.4	45.1	47.5	13.0	376.2	320.4	0.2	86.4	41.2	65.0
239	770	14375.3	125.0	-57.6	-43.9	253.4	45.1	47.5	14.0	376.2	320.4	0.2	86.4	42.5	66.0
240	790	15375.3	100.0	-60.1	-43.9	253.4	45.1	47.5	15.0	376.2	320.4	0.2	86.4	43.8	67.0
241	810	16375.3	75.0	-62.6	-43.9	253.4	45.1	47.5	16.0	376.2	320.4	0.2	86.4	45.1	68.0
242	830	17375.3	50.0	-65.1	-43.9	253.4	45.1	47.5	17.0	376.2	320.4	0.2	86.4	46.4	69.0
243	850	18375.3	25.0	-67.6	-43.9	253.4	45.1	47.5	18.0	376.2	320.4	0.2	86.4	47.7	70.0
244	870	19375.3	0.0	-70.1	-43.9	253.4	45.1	47.5	19.0	376.2	320.4	0.2	86.4	49.0	71.0
245	890	20375.3	25.0	-72.6	-43.9	253.4	45.1	47.5	20.0	376.2	320.4	0.2	86.4	50.3	72.0
246	910	21375.3	0.0	-75.1	-43.9	253.4	45.1	47.5	21.0	376.2	320.4	0.2	86.4	51.6	73.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS
10 APRIL 1979
1100 GMT

TIME WV	CNTCY	WEIGHT GPM	WEZS MR	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	WX WIND CM/KG	RM PCT	RANGE KM	AZ DEG
303	600	1720.0	933.2	60.2	51.1	80.0	5.1	-5.2	-0.9	279.7	293.9	5.5	94.0	0.2	0
309	300	990.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
305	804	323.6	975.0	50.2	40.2	101.4	11.0	-10.7	2.2	280.4	293.9	5.3	93.0	0.4	271
306	1306	520.0	953.0	90.7	30.9	107.5	9.7	-9.3	2.9	283.0	290.9	5.4	89.5	0.9	270
303	120	755.5	925.0	80.2	20.2	110.5	9.2	-4.9	1.8	287.7	300.6	4.9	86.0	1.3	292
302	140	991.9	973.0	70.9	10.9	990.0	99.0	99.0	99.0	290.6	300.6	4.9	84.6	99.0	99.0
301	170	1215.9	875.0	100.2	40.2	990.0	99.0	99.0	99.0	290.6	310.0	6.1	57.2	99.0	99.0
302	1304	1477.4	950.0	90.9	40.3	990.0	99.0	99.0	99.0	290.6	313.3	6.2	60.1	99.0	99.0
302	2105	1705.4	825.0	80.9	30.0	990.0	99.0	99.0	99.0	290.6	313.3	5.9	50.1	99.0	99.0
302	2304	1900.2	873.0	80.2	20.4	990.0	99.0	99.0	99.0	290.6	313.3	5.7	50.1	99.0	99.0
302	2601	2222.1	775.0	70.0	20.1	990.0	99.0	99.0	99.0	301.3	313.3	5.8	71.3	99.0	99.0
302	2904	2431.3	750.0	50.0	10.9	990.0	99.0	99.0	99.0	302.0	318.4	5.9	80.6	99.0	99.0
302	3004	2707.6	725.0	30.4	10.7	990.0	99.0	99.0	99.0	303.2	320.1	6.0	90.7	99.0	99.0
302	3302	3052.2	700.0	20.0	10.0	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	350	3400.4	675.0	0.7	-10.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	3802	3607.6	650.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	4008	3900.3	625.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	4304	4200.4	500.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	4501	4612.5	575.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	4804	4950.7	550.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	5105	5317.7	525.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	5404	5604.1	500.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	5703	5907.7	475.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	6004	6207.4	450.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	6304	6507.4	425.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	6604	6807.4	400.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	6904	7107.4	375.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	7204	7407.4	350.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	7504	7707.4	325.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	7804	8007.4	300.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	8104	8307.4	275.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	8404	8607.4	250.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	8704	8907.4	225.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	9004	9207.4	200.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	9304	9507.4	175.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	9604	9707.4	150.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	9904	10007.4	125.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	10204	10207.4	100.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	10504	10507.4	75.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	10804	10807.4	50.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	11104	11107.4	25.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59
302	11404	11407.4	0.0	-10.4	-50.3	230.0	20.7	20.6	10.4	304.7	321.4	5.9	92.7	6.0	59

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

10 APRIL 1979
1405 GMT

TIME MIN	CNTR	HEIGHT GMM	PRSS MS	TEMP DE C	DW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	F POT Y DG K	MX RTO CM/KG	QM PCY	RANGE M	AZ DG
300	300	172.0	992.7	6.9	5.4	123.0	4.1	-3.6	2.0	280.5	295.1	5.7	91.0	0.3	30
301	301	172.0	1073.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
302	302	313.0	975.0	5.6	4.6	120.2	5.2	-7.1	4.1	280.8	294.7	5.5	91.3	0.2	299
303	303	571.0	936.9	3.7	2.6	130.9	10.7	-8.1	7.0	280.9	294.7	4.9	92.9	0.5	301
304	304	489.3	925.0	4.6	2.5	145.1	11.1	-6.4	9.1	281.1	295.1	5.0	90.7	1.1	312
305	305	975.0	975.0	9.7	1.9	165.1	6.5	-1.6	4.4	281.1	294.7	4.9	90.7	1.1	312
306	306	1200.0	975.0	10.5	2.7	193.1	6.1	1.8	7.9	295.0	309.5	5.3	90.7	1.0	312
307	307	1651.4	975.0	10.4	3.6	201.0	7.1	2.6	4.6	297.0	313.1	5.9	93.2	2.1	314
308	308	1651.4	975.0	9.4	2.1	210.8	7.0	3.9	6.6	297.0	313.1	5.4	93.2	2.1	314
309	309	1651.4	975.0	6.1	4.1	221.1	4.4	6.2	7.1	297.7	315.3	6.5	97.2	2.4	316
310	310	1651.4	975.0	5.1	4.2	235.7	11.6	9.5	7.0	298.1	317.6	6.7	94.0	2.4	316
311	311	2113.0	775.0	3.7	2.8	235.9	11.6	10.1	5.0	300.6	317.6	6.2	94.0	3.0	320
312	312	2700.0	775.0	1.9	1.0	248.6	11.1	10.1	4.8	301.6	317.5	5.7	93.9	3.9	318
313	313	3173.9	775.0	0.4	-3.5	236.4	12.7	10.9	6.5	303.0	317.5	5.3	93.9	4.5	25
314	314	3352.1	475.0	-1.9	-2.7	236.8	16.2	13.6	9.9	307.4	315.9	4.6	93.5	5.2	32
315	315	3352.7	450.0	-1.5	-7.0	235.2	21.9	18.0	12.5	305.0	315.9	3.4	91.5	6.5	35
316	316	3352.6	425.0	-0.5	-7.6	232.0	25.8	20.3	15.9	304.8	317.5	3.5	91.4	6.3	39
317	317	3250.4	400.0	-0.7	-17.4	233.2	26.1	20.9	15.7	307.3	314.7	3.5	94.3	7.7	41
318	318	3250.4	375.0	-0.7	-43.7	238.5	26.3	22.4	13.7	309.7	310.0	3.4	12.9	11.6	46
319	319	3250.4	350.0	-1.0	-54.5	242.0	28.1	21.4	12.9	311.7	311.4	0.0	1.0	11.2	42
320	320	3250.4	325.0	-1.4	-61.4	248.6	25.1	22.6	12.9	312.7	312.4	0.0	1.0	14.2	43
321	321	3250.4	300.0	-1.9	-63.0	248.9	21.5	25.1	11.3	313.6	313.7	0.0	1.0	14.8	50
322	322	3250.4	275.0	-1.6	-51.7	244.6	25.4	26.1	11.3	315.0	315.1	0.0	1.0	18.3	52
323	323	3250.4	250.0	-2.1	-43.9	248.4	27.7	25.0	11.9	315.5	315.5	0.0	1.0	18.3	53
324	324	3250.4	225.0	-2.6	-45.0	248.6	26.6	24.9	12.0	317.5	317.6	0.0	1.0	23.4	54
325	325	3250.4	200.0	-2.2	-48.0	238.5	25.9	25.9	15.1	318.4	318.4	0.0	1.0	23.4	54
326	326	3250.4	175.0	-3.1	-73.8	238.5	31.9	27.2	16.7	321.3	321.3	0.0	1.0	23.4	55
327	327	3250.4	150.0	-4.5	-73.8	242.0	34.9	30.4	16.4	321.0	321.0	0.0	1.0	32.1	56
328	328	3250.4	125.0	-5.2	-75.4	242.0	36.4	24.4	15.3	322.4	322.4	0.0	1.0	35.3	56
329	329	3250.4	100.0	-6.4	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
330	330	3250.4	75.0	-8.4	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
331	331	3250.4	50.0	-12.2	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
332	332	3250.4	25.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
333	333	3250.4	0.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
334	334	3250.4	25.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
335	335	3250.4	0.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
336	336	3250.4	25.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
337	337	3250.4	0.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
338	338	3250.4	25.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
339	339	3250.4	0.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
340	340	3250.4	25.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
341	341	3250.4	0.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
342	342	3250.4	25.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
343	343	3250.4	0.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
344	344	3250.4	25.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
345	345	3250.4	0.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
346	346	3250.4	25.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
347	347	3250.4	0.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
348	348	3250.4	25.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
349	349	3250.4	0.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56
350	350	3250.4	25.0	-15.9	-93.9	246.5	35.7	36.4	15.9	322.4	322.4	0.0	1.0	35.3	56

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS FLAVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

10 APRIL 1979
2005 GMT

TIME	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GN/KG	RM PCT	RANGE KM	AZ DG
000	700	1720.0	999.0	12.8	6.4	90.0	5.1	-5.1	0.0	286.9	302.8	5.1	65.0	0.0	0
005	900	330.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
010	900	2320.0	975.0	12.7	5.7	103.3	10.8	-10.5	2.5	287.9	304.5	6.4	57.1	0.1	251
015	1100	500.0	950.0	13.4	6.4	103.3	10.8	-10.5	2.5	287.9	304.5	6.4	57.1	0.1	251
020	1300	710.0	925.0	14.6	7.0	122.2	12.4	-10.6	6.6	298.1	304.9	7.0	44.7	1.2	244
025	1500	920.0	900.0	15.9	8.3	140.3	15.3	-7.8	13.2	292.7	311.5	7.0	77.1	1.9	237
030	1700	1130.0	875.0	17.2	11.6	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
035	1900	1340.0	850.0	18.5	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
040	2100	1550.0	825.0	19.8	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
045	2300	1760.0	800.0	21.1	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
050	2500	1970.0	775.0	22.4	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
055	2700	2180.0	750.0	23.7	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
060	2900	2390.0	725.0	25.0	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
065	3100	2600.0	700.0	26.3	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
070	3300	2810.0	675.0	27.6	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
075	3500	3020.0	650.0	28.9	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
080	3700	3230.0	625.0	30.2	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
085	3900	3440.0	600.0	31.5	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
090	4100	3650.0	575.0	32.8	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
095	4300	3860.0	550.0	34.1	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
100	4500	4070.0	525.0	35.4	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
105	4700	4280.0	500.0	36.7	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
110	4900	4490.0	475.0	38.0	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
115	5100	4700.0	450.0	39.3	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
120	5300	4910.0	425.0	40.6	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
125	5500	5120.0	400.0	41.9	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
130	5700	5330.0	375.0	43.2	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
135	5900	5540.0	350.0	44.5	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
140	6100	5750.0	325.0	45.8	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
145	6300	5960.0	300.0	47.1	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
150	6500	6170.0	275.0	48.4	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
155	6700	6380.0	250.0	49.7	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
160	6900	6590.0	225.0	51.0	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
165	7100	6800.0	200.0	52.3	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
170	7300	7010.0	175.0	53.6	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
175	7500	7220.0	150.0	54.9	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
180	7700	7430.0	125.0	56.2	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
185	7900	7640.0	100.0	57.5	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
190	8100	7850.0	75.0	58.8	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
195	8300	8060.0	50.0	60.1	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309
200	8500	8270.0	25.0	61.4	10.9	163.1	18.6	-4.2	17.0	296.2	322.3	9.9	37.5	2.6	309

BY SPEED VIEWS ELEVATION ANGLE BETWEEN A AND 10 DEG
BY TEMP VIEWS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED VIEWS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

10 APRIL 1979
2300 GMT

VINE #17	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MR RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
303	706	1720	986.9	13.3	8.2	100.0	7.2	-7.1	1.3	287.6	305.6	6.9	71.3	30.3	0.
304	909	99.9	1000.0	99.9	99.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
305	9.5	273.3	975.0	12.0	9.3	96.0	13.5	-13.4	1.4	287.6	306.3	7.1	74.2	30.3	0.
306	10.3	490.9	957.9	10.3	9.0	108.4	14.2	-13.4	4.5	287.6	306.3	7.1	74.2	30.3	0.
307	10.3	712.7	925.0	9.0	7.6	129.4	14.1	-12.4	10.2	288.5	307.1	7.1	74.2	30.3	0.
308	10.3	940.9	900.0	11.0	9.9	150.6	14.7	-14.2	17.6	292.0	315.5	8.6	74.2	30.3	0.
309	10.3	1174.4	875.0	11.6	10.6	172.6	2.1	-2.1	21.0	294.9	320.5	9.2	74.2	30.3	0.
310	21.3	1419.4	850.0	11.2	1.0	173.4	21.3	-21.3	21.0	297.6	321.5	9.2	74.2	30.3	0.
311	21.3	1622.5	825.0	13.1	5.1	177.7	19.2	-19.2	21.0	297.6	321.5	9.2	74.2	30.3	0.
312	21.3	1827.9	800.0	11.5	4.6	184.8	13.9	-13.9	19.2	302.5	321.5	9.2	74.2	30.3	0.
313	21.3	2102.3	775.0	10.0	2.7	191.0	14.4	-14.4	19.2	304.5	321.5	9.2	74.2	30.3	0.
314	31.3	2468.4	750.0	7.4	1.3	193.4	20.2	-20.2	19.2	304.5	321.5	9.2	74.2	30.3	0.
315	31.3	2743.5	725.0	5.0	-4.8	198.3	19.7	-19.7	19.2	305.1	321.5	9.2	74.2	30.3	0.
316	31.3	3028.7	700.0	4.7	-4.7	198.3	19.7	-19.7	19.2	305.1	321.5	9.2	74.2	30.3	0.
317	31.3	3328.5	675.0	2.5	-4.7	198.3	19.7	-19.7	19.2	305.1	321.5	9.2	74.2	30.3	0.
318	42.4	3628.5	650.0	0.9	-4.7	198.3	19.7	-19.7	19.2	305.1	321.5	9.2	74.2	30.3	0.
319	42.4	3928.5	625.0	-1.5	-11.0	208.1	24.9	-24.9	22.0	310.2	318.9	2.5	74.2	30.3	0.
320	51.3	4228.5	600.0	-3.7	-11.0	213.8	26.3	-26.3	21.0	312.2	319.1	1.9	74.2	30.3	0.
321	51.3	4528.5	575.0	-5.4	-11.0	218.5	27.5	-27.5	19.9	313.0	323.0	3.7	74.2	30.3	0.
322	51.3	4828.5	550.0	-7.4	-11.0	223.2	28.7	-28.7	19.9	314.2	318.9	1.4	74.2	30.3	0.
323	51.3	5128.5	525.0	-9.4	-11.0	227.9	29.9	-29.9	19.9	314.2	320.4	1.4	74.2	30.3	0.
324	51.3	5428.5	500.0	-11.2	-11.0	232.6	31.3	-31.3	19.9	314.2	320.4	1.4	74.2	30.3	0.
325	51.3	5728.5	475.0	-13.2	-11.0	237.3	32.6	-32.6	19.9	314.2	320.4	1.4	74.2	30.3	0.
326	51.3	6028.5	450.0	-15.2	-11.0	242.0	33.9	-33.9	19.9	314.2	320.4	1.4	74.2	30.3	0.
327	51.3	6328.5	425.0	-17.2	-11.0	246.7	35.2	-35.2	19.9	314.2	320.4	1.4	74.2	30.3	0.
328	51.3	6628.5	400.0	-19.2	-11.0	251.4	36.5	-36.5	19.9	314.2	320.4	1.4	74.2	30.3	0.
329	51.3	6928.5	375.0	-21.2	-11.0	256.1	37.8	-37.8	19.9	314.2	320.4	1.4	74.2	30.3	0.
330	51.3	7228.5	350.0	-23.2	-11.0	260.8	39.1	-39.1	19.9	314.2	320.4	1.4	74.2	30.3	0.
331	51.3	7528.5	325.0	-25.2	-11.0	265.5	40.4	-40.4	19.9	314.2	320.4	1.4	74.2	30.3	0.
332	51.3	7828.5	300.0	-27.2	-11.0	270.2	41.7	-41.7	19.9	314.2	320.4	1.4	74.2	30.3	0.
333	51.3	8128.5	275.0	-29.2	-11.0	274.9	43.0	-43.0	19.9	314.2	320.4	1.4	74.2	30.3	0.
334	51.3	8428.5	250.0	-31.2	-11.0	279.6	44.3	-44.3	19.9	314.2	320.4	1.4	74.2	30.3	0.
335	51.3	8728.5	225.0	-33.2	-11.0	284.3	45.6	-45.6	19.9	314.2	320.4	1.4	74.2	30.3	0.
336	51.3	9028.5	200.0	-35.2	-11.0	289.0	46.9	-46.9	19.9	314.2	320.4	1.4	74.2	30.3	0.
337	51.3	9328.5	175.0	-37.2	-11.0	293.7	48.2	-48.2	19.9	314.2	320.4	1.4	74.2	30.3	0.
338	51.3	9628.5	150.0	-39.2	-11.0	298.4	49.5	-49.5	19.9	314.2	320.4	1.4	74.2	30.3	0.
339	51.3	9928.5	125.0	-41.2	-11.0	303.1	50.8	-50.8	19.9	314.2	320.4	1.4	74.2	30.3	0.
340	51.3	10228.5	100.0	-43.2	-11.0	307.8	52.1	-52.1	19.9	314.2	320.4	1.4	74.2	30.3	0.
341	51.3	10528.5	75.0	-45.2	-11.0	312.5	53.4	-53.4	19.9	314.2	320.4	1.4	74.2	30.3	0.
342	51.3	10828.5	50.0	-47.2	-11.0	317.2	54.7	-54.7	19.9	314.2	320.4	1.4	74.2	30.3	0.
343	51.3	11128.5	25.0	-49.2	-11.0	321.9	56.0	-56.0	19.9	314.2	320.4	1.4	74.2	30.3	0.
344	51.3	11428.5	0.0	-51.2	-11.0	326.6	57.3	-57.3	19.9	314.2	320.4	1.4	74.2	30.3	0.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 340
LITTLE ROCK, ARKANSAS

11 APRIL 1979
205 GMT

137 49.0 0

TIME MIN	WIND KMPH	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV DEG K	E POT DEG K	WX PTO GPM/KG	DM PCT	RANGE KM	AZ DEG
30.3	3.3	172.0	945.4	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
31.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
32.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
33.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
34.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
35.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
36.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
37.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
38.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
39.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
40.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
41.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
42.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
43.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
44.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
45.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
46.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
47.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
48.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
49.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
50.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
51.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
52.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
53.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
54.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
55.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
56.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
57.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
58.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
59.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0
60.3	3.0	169.0	945.0	12.9	7.7	80.0	5.1	-5.0	-0.9	287.2	304.6	5.7	71.0	0.3	0

1. 10 5000 MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
2. 10 5000 MEANS ELEVATION ANGLE BETWEEN 10 AND 20 DEG
3. 10 5000 MEANS ELEVATION ANGLE BETWEEN 20 AND 30 DEG
4. 10 5000 MEANS ELEVATION ANGLE BETWEEN 30 AND 40 DEG
5. 10 5000 MEANS ELEVATION ANGLE BETWEEN 40 AND 50 DEG
6. 10 5000 MEANS ELEVATION ANGLE BETWEEN 50 AND 60 DEG
7. 10 5000 MEANS ELEVATION ANGLE BETWEEN 60 AND 70 DEG
8. 10 5000 MEANS ELEVATION ANGLE BETWEEN 70 AND 80 DEG
9. 10 5000 MEANS ELEVATION ANGLE BETWEEN 80 AND 90 DEG
10. 10 5000 MEANS ELEVATION ANGLE BETWEEN 90 AND 100 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

11 APRIL 1979
501 GMT

TIME MIN	CUTCT	WEIGHT GPM	PRES MB	TEMP CG C	DBT CG C	DIP CG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	P POT T DG K	MR STD CM/KG	RM DCT	RANGE KM	AZ DG
303	99.3	172.0	994.0	14.3	11.3	100.0	5.1	-5.0	0.9	289.0	311.2	9.7	93.9	125	103.0
304	99.3	172.0	1030.0	99.9	99.9	99.9	99.9	-14.5	99.9	99.9	99.9	99.9	99.9	99.9	0.0
305	99.3	172.0	994.0	14.3	11.3	123.6	17.4	-14.5	0.4	289.9	312.4	9.7	90.3	0.3	232.0
306	99.3	172.0	994.0	14.3	11.3	137.0	19.5	-13.3	14.3	291.5	310.3	9.5	90.4	0.3	328.0
307	99.3	172.0	994.0	14.3	11.3	154.7	22.0	-9.1	21.1	294.1	311.3	12.5	90.3	0.3	328.0
308	99.3	172.0	994.0	14.3	11.3	171.7	26.2	-3.8	23.9	299.1	310.2	12.1	93.9	3.3	328.0
309	99.3	172.0	994.0	14.3	11.3	188.2	28.4	-0.8	28.4	300.5	320.5	11.0	93.9	4.9	344.0
310	99.3	172.0	994.0	14.3	11.3	185.0	27.2	2.4	27.1	301.4	320.7	10.1	93.9	5.7	344.0
311	99.3	172.0	994.0	14.3	11.3	198.4	28.9	5.2	29.4	302.9	320.3	9.7	93.9	8.4	344.0
312	99.3	172.0	994.0	14.3	11.3	198.4	28.9	9.2	27.3	304.9	320.4	9.7	93.9	11.1	344.0
313	99.3	172.0	994.0	14.3	11.3	205.6	26.7	11.5	24.0	306.8	320.7	9.4	93.9	14.7	344.0
314	99.3	172.0	994.0	14.3	11.3	205.6	26.7	12.3	21.8	307.1	320.3	6.9	93.9	15.5	344.0
315	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
316	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
317	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
318	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
319	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
320	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
321	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
322	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
323	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
324	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
325	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
326	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
327	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
328	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
329	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
330	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
331	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
332	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
333	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
334	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
335	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
336	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
337	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
338	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
339	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0
340	99.3	172.0	994.0	14.3	11.3	211.3	24.0	12.2	21.8	307.1	320.3	6.9	93.9	15.5	344.0

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE CG TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

11 APRIL 1979
05 GMT

122 119. 0

FILE #14	CNTCT	WFLGHT GPM	PRFS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTJ G4/KG	RM DCT	RANGE KM	AZ DG
340	9.5	1720	920.2	15.0	14.4	150.0	7.7	-3.0	4.7	290.5	317.9	17.6	91.7	2.3	0
341	9.6	99.9	1070.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
342	9.1	214.7	975.0	15.0	14.4	150.0	11.5	-6.1	14.3	290.9	318.3	19.4	92.3	3.2	320
343	11.4	455.7	931.0	15.4	14.7	155.0	17.7	-4.7	17.2	292.8	320.8	17.9	92.2	0.5	133
344	13.7	592.0	920.0	15.5	14.3	170.9	21.9	-0.1	22.9	295.2	324.4	11.2	92.4	1.4	344
345	15.1	315.4	903.0	14.8	13.5	185.1	26.3	2.3	24.2	294.7	325.7	10.9	92.4	2.4	354
346	14.5	1153.9	976.0	12.3	12.1	187.3	26.8	3.7	24.6	297.6	328.8	10.2	92.5	3.4	354
347	23.3	1770.9	957.0	12.1	12.0	191.4	27.3	5.4	24.6	298.9	329.0	9.7	92.4	4.5	1
348	23.3	1649.3	935.0	11.2	9.9	196.9	31.9	8.0	29.5	300.4	328.5	9.3	91.0	5.9	3
349	21.1	1705.9	900.0	10.9	9.7	201.9	31.9	11.0	29.5	302.9	328.8	9.5	92.7	7.2	7
350	23.3	2173.7	775.0	9.9	7.8	206.3	31.6	14.0	28.3	303.5	327.3	8.4	91.7	8.5	9
351	34.4	2442.2	743.0	7.5	5.6	210.0	31.3	14.4	25.4	304.9	326.2	7.7	91.5	9.9	12
352	33.4	2721.3	725.0	5.7	2.6	212.5	27.9	15.4	23.5	305.7	323.9	4.4	90.5	11.2	14
353	34.0	3377.6	700.0	4.0	-1.4	214.1	26.4	14.5	21.4	307.0	321.2	4.9	90.4	12.5	16
354	31.7	3302.9	595.0	1.9	-3.7	215.1	23.7	13.9	19.1	307.7	320.2	4.3	90.9	13.7	18
355	31.4	3604.4	650.0	0.3	-10.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
356	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
357	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
358	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
359	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
360	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
361	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
362	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
363	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
364	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
365	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
366	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
367	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
368	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
369	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
370	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
371	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
372	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
373	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
374	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
375	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
376	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
377	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
378	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
379	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
380	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
381	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
382	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
383	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
384	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
385	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
386	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
387	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
388	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
389	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
390	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
391	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
392	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
393	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
394	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
395	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
396	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
397	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
398	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
399	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21
400	1.1	444.2	624.0	-3.7	-9.1	217.0	21.8	13.2	17.4	309.3	315.6	2.1	90.7	15.0	21

BY 30-17 WINDS ELEVATION ANGLE BETWEEN A AND 10 DEG
BY 7-10 WINDS TEMPERATURE DE WIND HAVE BEEN INTERPOLATED
BY 30-17 WINDS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
LITTLE ROCK, ARKANSAS

11 APRIL 1979
1105 GMT

TIME MIN	CNTCT	WEIGHT GMM	WPS MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DEG K	E POT V DEG K	MR ATO CM/SEC	RM PCT	RANGE M	AZ DEG
30.3	90.0	172.0	991.0	17.8	16.3	140.0	7.7	-0.9	5.9	292.5	323.5	12.0	91.2	0.3	0
30.3	90.0	172.0	1072.9	17.8	16.3	140.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.3	90.0	220.3	975.9	17.5	16.1	140.4	12.0	-0.6	10.0	292.8	323.1	11.9	91.5	0.2	34.1
30.3	130.7	492.7	952.3	16.9	15.6	140.6	15.9	-0.3	15.0	294.4	325.1	11.9	91.9	0.7	32.0
1.7	12.0	67.6	925.0	16.6	15.3	174.0	18.6	-1.7	19.3	295.3	327.7	11.9	91.8	1.4	33.0
2.3	13.1	912.4	900.0	15.2	13.8	180.2	22.3	0.1	22.3	297.1	328.4	11.1	91.7	2.2	34.2
3.3	17.5	115.5	875.3	13.8	11.3	193.7	24.7	1.6	24.6	298.2	329.1	10.5	91.9	3.5	35.2
4.3	19.7	136.2	857.9	12.6	10.3	193.7	25.7	2.5	25.5	299.4	329.2	10.0	91.6	4.5	35.5
4.5	22.1	147.1	825.0	11.6	9.4	189.4	26.5	4.3	26.1	300.5	329.7	9.7	92.0	5.5	35.7
5.3	24.4	190.6	800.3	10.1	8.0	192.9	25.9	7.0	24.2	301.9	329.3	9.9	91.7	7.3	0
6.4	26.9	213.7	775.3	8.6	7.3	200.6	23.0	8.3	22.3	303.6	329.0	8.7	91.6	9.3	20
7.0	29.2	263.7	743.5	6.7	4.9	209.2	22.6	11.0	19.7	305.5	328.1	7.3	90.4	10.7	0
8.1	31.4	310.4	725.9	5.4	3.2	212.1	22.1	11.9	19.7	305.4	328.1	6.7	89.4	10.7	0
9.4	34.1	330.4	709.9	3.9	1.1	213.2	20.7	11.4	17.3	305.8	328.8	6.0	87.4	12.3	12
10.6	36.4	329.1	675.0	2.8	-0.9	213.8	21.3	11.6	17.7	305.7	316.1	5.2	82.1	13.4	16
11.0	38.1	362.1	625.0	1.6	-3.0	213.4	21.7	11.9	19.1	310.2	311.0	5.1	1.3	14.5	15
11.5	41.4	401.5	625.3	-2.4	-5.2	211.7	21.0	11.4	19.4	312.0	312.2	5.1	1.0	15.9	17
12.5	44.4	424.8	670.3	-2.6	-5.6	211.0	23.6	12.1	20.2	313.1	313.3	5.1	1.0	17.1	18
13.5	47.4	457.0	675.0	-3.5	-5.4	207.2	23.2	11.5	22.4	313.6	313.7	5.5	1.2	18.5	19
14.5	50.4	492.1	559.0	-4.1	-5.0	206.4	23.1	11.3	20.6	314.5	314.7	5.5	1.2	20.2	20
15.7	53.4	524.3	525.0	-4.3	-5.1	207.2	23.5	10.3	20.0	314.9	315.0	5.5	1.2	21.9	21
16.0	55.4	565.2	570.3	-4.2	-5.0	207.0	26.1	11.7	23.2	315.7	315.8	5.0	1.0	23.4	21
17.0	58.4	610.4	625.3	-4.7	-5.6	211.0	27.5	14.2	23.6	317.2	317.3	5.0	1.0	25.5	21
18.0	61.4	644.3	625.0	-4.9	-5.8	216.0	28.5	15.9	23.6	317.3	318.3	5.4	25.3	27.4	22
19.0	64.4	675.0	625.3	-4.7	-5.5	217.0	31.1	18.7	24.9	317.4	319.7	5.7	52.1	27.4	22
20.0	67.4	709.9	625.3	-4.6	-5.4	227.1	30.3	22.2	20.6	317.4	320.3	5.5	75.1	31.0	26
21.0	70.4	743.5	625.3	-4.5	-5.3	233.7	27.0	21.8	16.0	323.6	326.2	5.7	65.9	34.1	26
22.0	73.4	775.3	575.0	-4.2	-5.0	243.5	21.5	16.2	9.5	327.2	327.0	5.4	55.2	35.3	23
23.0	76.4	809.9	525.0	-3.6	-4.2	246.0	22.4	20.5	7.1	327.4	327.3	5.3	54.4	37.7	30
24.0	79.4	844.3	475.0	-3.1	-3.9	250.7	20.5	18.2	7.1	327.4	327.3	5.3	54.4	39.5	32
25.0	82.4	875.0	425.3	-2.6	-3.4	254.2	24.4	22.7	9.8	329.4	329.9	5.3	54.4	41.4	34
26.0	85.4	909.9	375.0	-2.1	-2.9	259.1	26.5	25.5	14.0	330.6	330.6	5.3	54.4	43.4	36
27.0	88.4	944.3	325.3	-1.6	-2.4	265.2	29.6	28.9	12.4	331.1	331.1	5.3	54.4	45.4	38
28.0	91.4	975.0	275.0	-1.1	-1.9	267.0	32.6	32.6	12.7	332.2	332.2	5.3	54.4	47.4	40
29.0	94.4	1009.9	225.3	-0.6	-1.4	267.0	35.6	35.6	18.6	342.4	342.4	5.3	54.4	49.4	42
30.0	97.4	1044.3	175.3	-0.1	-0.9	267.0	38.6	38.6	14.3	347.8	347.8	5.3	54.4	51.4	44
31.0	100.4	1079.9	125.3	0.4	0.2	267.0	41.6	41.6	17.4	347.8	347.8	5.3	54.4	53.4	46
32.0	103.4	1114.3	75.3	0.9	0.7	267.0	44.6	44.6	14.8	411.2	411.2	5.3	54.4	55.4	48
33.0	106.4	1149.7	25.3	1.4	1.2	267.0	47.6	47.6	1.2	536.4	536.4	5.3	54.4	57.4	50
34.0	109.4	1184.3	0.3	1.9	1.7	267.0	50.6	50.6	-0.3	642.3	642.3	5.3	54.4	59.4	52

* 0V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* 0V TEMP MEANS TEMPERATURE OF TIRE HAVE BEEN INTERPOLATED
* 0V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONTICELLO, MISSOURI10 APRIL 1979
1403 GMT

TIME	CHCY	HEIGHT	WINDS	TEMP	DEW PT	DIR	SPE D	U COMP	V COMP	PGT Y	E POT Y	WZ STD	QNT	RANGE	0
114		CM	MPH	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG	DEG	CM	CM	CM	0
00.0	10.1	436.0	95.0	5.2	3.9	130.0	9.3	-7.1	0.0	281.7	295.3	5.3	91.0	0.3	0
01.0	9.9	436.0	95.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
02.0	9.9	436.0	95.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
03.0	11.0	436.0	95.0	4.2	3.0	128.0	10.7	-11.4	9.2	281.4	294.0	5.2	91.0	0.3	0
04.0	14.0	436.0	95.0	3.0	3.0	147.0	14.1	-7.6	11.9	282.0	296.4	5.2	91.0	0.3	0
05.0	15.0	436.0	95.0	5.9	6.1	175.0	12.2	-0.1	12.2	291.3	300.9	6.6	91.0	0.3	0
06.0	15.0	436.0	95.0	9.0	9.0	200.0	11.3	4.0	10.6	294.0	300.9	6.6	91.0	0.3	0
07.0	15.0	436.0	95.0	6.4	6.4	213.0	9.7	5.6	8.0	295.1	310.0	5.9	91.0	0.3	0
08.0	15.0	436.0	95.0	6.4	6.4	227.0	7.3	5.0	5.0	295.3	310.0	5.9	91.0	0.3	0
09.0	15.0	436.0	95.0	6.4	6.4	240.0	6.1	7.0	4.0	295.3	310.0	5.9	91.0	0.3	0
10.0	15.0	436.0	95.0	6.4	6.4	253.0	10.9	9.1	6.1	295.3	310.0	5.9	91.0	0.3	0
11.0	15.0	436.0	95.0	6.4	6.4	266.0	12.1	9.2	7.0	295.3	310.0	5.9	91.0	0.3	0
12.0	15.0	436.0	95.0	6.4	6.4	279.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
13.0	15.0	436.0	95.0	6.4	6.4	292.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
14.0	15.0	436.0	95.0	6.4	6.4	305.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
15.0	15.0	436.0	95.0	6.4	6.4	318.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
16.0	15.0	436.0	95.0	6.4	6.4	331.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
17.0	15.0	436.0	95.0	6.4	6.4	344.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
18.0	15.0	436.0	95.0	6.4	6.4	357.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
19.0	15.0	436.0	95.0	6.4	6.4	370.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
20.0	15.0	436.0	95.0	6.4	6.4	383.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
21.0	15.0	436.0	95.0	6.4	6.4	396.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
22.0	15.0	436.0	95.0	6.4	6.4	409.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
23.0	15.0	436.0	95.0	6.4	6.4	422.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
24.0	15.0	436.0	95.0	6.4	6.4	435.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
25.0	15.0	436.0	95.0	6.4	6.4	448.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
26.0	15.0	436.0	95.0	6.4	6.4	461.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
27.0	15.0	436.0	95.0	6.4	6.4	474.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
28.0	15.0	436.0	95.0	6.4	6.4	487.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
29.0	15.0	436.0	95.0	6.4	6.4	500.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
30.0	15.0	436.0	95.0	6.4	6.4	513.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
31.0	15.0	436.0	95.0	6.4	6.4	526.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
32.0	15.0	436.0	95.0	6.4	6.4	539.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
33.0	15.0	436.0	95.0	6.4	6.4	552.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
34.0	15.0	436.0	95.0	6.4	6.4	565.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
35.0	15.0	436.0	95.0	6.4	6.4	578.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
36.0	15.0	436.0	95.0	6.4	6.4	591.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
37.0	15.0	436.0	95.0	6.4	6.4	604.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
38.0	15.0	436.0	95.0	6.4	6.4	617.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
39.0	15.0	436.0	95.0	6.4	6.4	630.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
40.0	15.0	436.0	95.0	6.4	6.4	643.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
41.0	15.0	436.0	95.0	6.4	6.4	656.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
42.0	15.0	436.0	95.0	6.4	6.4	669.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
43.0	15.0	436.0	95.0	6.4	6.4	682.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
44.0	15.0	436.0	95.0	6.4	6.4	695.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
45.0	15.0	436.0	95.0	6.4	6.4	708.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
46.0	15.0	436.0	95.0	6.4	6.4	721.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
47.0	15.0	436.0	95.0	6.4	6.4	734.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
48.0	15.0	436.0	95.0	6.4	6.4	747.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
49.0	15.0	436.0	95.0	6.4	6.4	760.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
50.0	15.0	436.0	95.0	6.4	6.4	773.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
51.0	15.0	436.0	95.0	6.4	6.4	786.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
52.0	15.0	436.0	95.0	6.4	6.4	799.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
53.0	15.0	436.0	95.0	6.4	6.4	812.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
54.0	15.0	436.0	95.0	6.4	6.4	825.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
55.0	15.0	436.0	95.0	6.4	6.4	838.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
56.0	15.0	436.0	95.0	6.4	6.4	851.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
57.0	15.0	436.0	95.0	6.4	6.4	864.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
58.0	15.0	436.0	95.0	6.4	6.4	877.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
59.0	15.0	436.0	95.0	6.4	6.4	890.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0
60.0	15.0	436.0	95.0	6.4	6.4	903.0	11.9	7.0	9.4	295.3	310.0	5.9	91.0	0.3	0

BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 BY TEMP MEANS TEMPERATURE ON TPT HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

10 APRIL 1979
1705 GMT

TIME MIN	CNTC*	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/S KC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX WTD GM/KG	RM PCT	RANGE KM	AZ DG
155	11.0	0													
3.2	13.5	439.0	955.7	5.5	4.7	130.0	7.2	-5.5	4.6	286.1	322.8	5.6	72.0	0.0	0
9.7	9.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.3	11.3	513.9	955.0	9.0	4.9	138.5	12.4	-8.2	9.3	286.1	301.3	5.7	74.5	0.7	31.6
1.1	13.6	734.2	925.0	7.3	4.3	152.4	12.6	-6.2	11.0	296.7	301.6	5.5	81.5	0.7	31.6
1.9	13.0	960.1	903.4	5.7	4.9	177.0	14.6	-0.9	14.5	263.5	314.6	6.1	76.8	1.3	32.9
2.3	13.3	1155.4	875.0	11.4	9.1	196.9	15.2	4.4	14.6	275.7	314.8	7.9	81.1	2.0	34.2
3.3	23.7	1477.8	852.0	10.1	8.9	202.7	12.2	4.7	11.2	295.8	314.5	8.5	92.0	2.7	35.6
4.7	23.1	1658.2	825.0	9.9	5.9	198.4	10.8	3.7	10.1	299.0	314.6	6.4	79.2	3.3	1.6
5.5	23.6	1943.9	817.0	7.2	3.9	198.4	8.0	2.8	9.4	299.0	314.6	6.4	79.2	3.3	1.6
6.5	23.1	2222.7	775.0	5.0	3.1	203.3	9.0	3.6	9.2	300.1	314.2	6.2	82.3	4.3	5.0
7.5	33.7	2473.1	743.0	4.0	3.1	206.6	10.9	4.9	9.7	300.9	314.4	5.2	76.1	4.3	5.0
9.4	33.3	2745.2	725.0	1.8	-1.6	208.3	11.5	5.4	10.1	301.5	314.8	4.7	78.2	5.4	10.0
9.3	33.3	3027.4	700.0	-2.2	-3.1	212.7	12.5	6.8	10.5	302.3	314.8	4.4	80.5	6.1	12.0
10.5	33.6	3317.6	675.0	-2.9	-3.7	215.0	14.4	7.9	12.1	302.9	314.8	3.7	78.4	7.0	15.0
11.5	41.3	3614.1	650.0	-5.1	-7.3	219.7	15.3	8.9	12.4	303.2	314.3	3.5	80.9	8.9	20.0
12.7	48.1	3823.1	625.0	-7.5	-11.7	224.9	17.1	12.7	12.1	303.9	314.3	2.1	80.9	9.9	20.0
13.3	47.3	4263.3	613.0	-8.4	-13.6	233.0	19.6	15.7	11.8	306.4	314.4	0.7	27.3	9.9	20.0
14.3	48.0	4570.1	595.0	-8.7	-13.9	233.3	22.6	18.1	13.5	311.4	312.5	0.5	15.5	11.3	20.0
15.2	52.0	4917.3	575.0	-13.7	-13.5	235.2	24.5	20.1	14.0	312.6	312.5	0.3	15.2	14.2	30.0
17.5	52.3	5262.4	550.0	-13.2	-13.5	235.2	24.5	20.1	14.0	312.6	312.5	0.3	15.2	14.2	30.0
19.3	52.1	5639.3	500.0	-14.9	-14.9	236.0	25.1	20.9	14.1	312.5	312.5	0.4	15.2	14.2	30.0
20.3	52.3	6021.5	475.0	-19.3	-14.6	239.4	25.2	21.6	14.1	314.8	314.8	0.2	15.2	14.2	30.0
21.7	52.3	6421.1	450.0	-22.6	-13.9	241.9	24.7	21.8	11.6	314.8	314.8	0.2	15.2	14.2	30.0
23.0	63.6	6837.6	425.0	-26.2	-13.9	243.7	25.5	22.6	11.7	315.5	315.5	0.1	15.2	14.2	30.0
24.4	72.3	7273.3	400.0	-26.7	-13.9	243.4	26.4	23.6	11.8	315.5	315.5	0.1	15.2	14.2	30.0
25.3	72.3	7724.3	375.0	-33.5	-13.9	243.4	26.4	23.6	11.8	315.5	315.5	0.1	15.2	14.2	30.0
27.3	72.7	8274.5	350.0	-38.7	-13.9	243.4	26.4	23.6	11.8	315.5	315.5	0.1	15.2	14.2	30.0
29.7	93.5	8715.9	325.0	-42.1	-13.9	243.4	30.2	24.6	14.3	317.2	317.2	0.1	15.2	14.2	30.0
31.5	97.7	9252.7	300.0	-45.1	-13.9	243.4	30.8	27.0	14.7	318.6	318.6	0.1	15.2	14.2	30.0
33.5	91.9	9827.4	275.0	-47.4	-13.9	243.4	31.1	37.3	16.9	320.4	320.4	0.1	15.2	14.2	30.0
35.7	95.4	10454.2	250.0	-50.4	-13.9	243.4	40.8	37.4	15.9	331.3	331.3	0.1	15.2	14.2	30.0
38.2	131.2	11135.0	225.0	-54.2	-13.9	243.4	32.8	29.3	16.7	335.4	335.4	0.1	15.2	14.2	30.0
40.7	135.1	11824.3	200.0	-57.3	-13.9	243.4	37.9	31.5	21.2	338.8	338.8	0.1	15.2	14.2	30.0
43.5	111.4	12714.0	175.0	-55.9	-13.9	243.4	34.5	30.3	16.4	343.0	343.0	0.1	15.2	14.2	30.0
45.7	117.9	13666.2	150.0	-58.7	-13.9	243.4	31.1	27.4	14.0	349.0	349.0	0.1	15.2	14.2	30.0
51.0	120.5	14331.3	125.0	-55.2	-13.9	243.4	33.8	29.7	16.1	357.9	357.9	0.1	15.2	14.2	30.0
53.2	132.0	15225.4	100.0	-58.7	-13.9	243.4	26.0	23.7	10.5	414.3	414.3	0.1	15.2	14.2	30.0
61.4	140.0	16132.7	75.0	-43.1	-13.9	243.4	28.2	26.1	10.0	480.7	480.7	0.1	15.2	14.2	30.0
67.2	147.0	17029.3	50.0	-45.4	-13.9	243.4	19.1	19.1	-0.4	503.5	503.5	0.1	15.2	14.2	30.0
73.6	153.7	17977.3	25.0	-47.3	-13.9	243.4	99.9	99.9	99.9	649.0	649.0	0.1	15.2	14.2	30.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 349
 MONETT, MISSOURI

 10 APRIL 1979
 2005 GMT

TIME	CATCY	WEIGHT	WIND	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT	E POT	MR STD	RM	RANGE	AZ
MIN		GM	MS	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	CM/KG	PCY	KG	DEG
30.3	9.7	634.0	955.0	14.9	6.1	120.0	7.2	-6.2	3.6	291.4	307.9	6.2	57.0	9.3	0.
30.3	9.0	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.3	9.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.2	10.3	487.7	950.0	13.0	5.9	124.0	6.8	-5.6	3.9	291.2	317.7	6.2	59.9	7.3	325.
30.6	12.0	711.4	925.0	10.8	4.4	134.6	7.3	-5.2	5.1	290.3	325.5	5.7	64.8	0.4	325.
1.0	12.1	939.9	925.0	10.9	7.0	159.0	9.1	-3.2	8.5	282.8	312.6	7.5	81.9	0.7	316.
1.3	17.9	1175.5	875.0	12.2	19.9	176.6	10.3	-6.6	10.3	290.5	321.6	9.4	91.5	1.7	324.
2.5	20.3	1419.3	853.0	10.9	9.9	189.3	10.1	1.6	10.0	297.5	321.7	9.1	94.9	1.3	335.
3.8	2.5	16.4.3	825.0	9.3	6.3	200.4	10.2	1.5	10.4	299.3	320.2	8.4	94.9	1.9	344.
4.5	25.1	1923.3	807.0	7.7	6.6	186.3	10.5	1.2	10.4	299.3	320.2	7.7	92.7	2.4	351.
5.5	27.7	2195.0	775.0	6.2	4.7	187.1	13.0	1.5	11.9	307.4	319.5	6.9	92.1	3.2	355.
4	30.3	2453.5	752.0	6.4	3.1	190.8	13.0	2.4	12.6	301.3	319.1	6.4	91.6	3.7	357.
7.3	1.0	775.0	725.0	2.4	-0.4	233.0	14.4	5.6	13.2	302.1	315.6	5.1	91.6	4.4	3.
9.3	3.0	3332.5	700.0	1.9	-11.9	213.7	17.7	9.8	14.7	304.6	311.6	2.3	94.9	5.2	5.
9.4	3.0	3335.2	675.0	2.4	-23.1	222.1	21.1	14.1	15.6	305.2	309.9	1.2	13.7	6.4	12.
10.4	4.0	3577.1	657.0	-7.9	-27.3	226.5	21.9	15.6	14.8	305.0	310.1	0.6	11.3	7.5	17.
11.0	4.0	3319.7	625.0	-3.1	-27.6	230.2	23.0	17.7	14.7	305.9	311.0	0.5	12.9	9.7	22.
11.0	47.0	4240.2	603.0	-5.7	-29.5	233.3	23.2	18.6	13.0	309.2	311.5	0.5	14.6	12.1	26.
13.7	5.0	4572.2	575.0	-7.7	-30.6	234.2	23.6	18.3	13.2	311.0	312.7	0.5	13.8	11.4	33.
1.9	5.0	4919.9	552.0	-13.7	-32.9	234.3	23.4	19.0	13.6	311.4	313.2	0.5	17.0	13.1	33.
13.2	5.0	5271.7	525.0	-12.5	-31.5	232.6	23.4	19.0	13.3	312.2	313.9	0.5	17.0	13.1	33.
17.4	5.0	5600.9	503.0	-15.3	-34.3	232.3	25.5	20.1	15.4	313.2	314.5	0.4	17.5	13.4	37.
19.7	5.7	6028.3	475.0	-18.3	-35.7	232.8	27.6	22.0	15.7	314.5	315.7	0.2	17.4	13.4	39.
20.2	6.0	6425.1	450.0	-22.0	-42.6	233.0	26.3	22.2	17.4	315.6	316.3	0.2	17.4	23.6	42.
21.4	6.9	6924.5	425.0	-25.7	-44.2	233.0	26.1	22.5	17.0	315.1	315.7	0.2	17.4	23.6	42.
22.2	7.1	7279.6	400.0	-28.4	-45.5	235.7	25.9	24.7	16.9	316.6	317.2	0.2	19.4	25.4	43.
23.4	7.6	7730.9	375.0	-31.3	-49.4	236.3	31.8	26.4	17.6	317.5	317.9	0.1	19.7	25.1	44.
23.1	9.0	9210.2	350.0	-37.5	-52.2	238.2	35.6	27.7	17.2	319.2	318.5	0.1	19.7	21.3	45.
27.8	6.0	9723.4	325.0	-41.6	-59.9	240.7	35.0	30.4	17.1	317.3	319.9	0.0	90.9	25.7	47.
27.5	9.9	9241.3	300.0	-45.1	-57.9	239.3	41.8	34.0	21.3	321.7	319.9	0.0	90.9	25.7	47.
31.9	9.9	9400.6	275.0	-47.7	-59.9	237.0	51.1	42.9	27.9	325.2	319.9	0.0	90.9	25.7	47.
33.9	9.9	13463.4	250.0	-52.4	-59.9	241.3	51.3	45.0	24.7	328.2	319.9	0.0	90.9	25.7	47.
35.4	12.4	11119.2	225.0	-56.4	-57.9	240.9	47.9	37.5	20.9	332.1	319.9	0.0	90.9	25.7	47.
37.4	13.5	11424.4	200.0	-58.1	-59.9	240.9	47.9	37.5	20.9	332.1	319.9	0.0	90.9	25.7	47.
41.2	13.5	12570.4	175.0	-58.5	-59.9	240.1	40.4	35.0	20.1	340.8	319.9	0.0	90.9	25.7	47.
44.5	13.5	13603.4	150.0	-58.9	-59.9	239.9	43.2	37.4	21.7	342.0	319.9	0.0	90.9	25.7	47.
48.2	12.5	14844.1	125.0	-58.2	-59.9	241.3	35.4	31.0	17.2	349.7	319.9	0.0	90.9	25.7	47.
52.5	13.3	14213.7	100.0	-51.7	-59.9	243.3	30.2	26.9	15.6	458.6	319.9	0.0	90.9	25.7	47.
53.1	12.3	13222.1	75.0	-51.9	-59.9	255.2	27.7	26.9	7.1	443.2	319.9	0.0	90.9	25.7	47.
58.7	12.7	22500.9	50.0	-49.6	-59.9	274.3	18.1	18.1	-1.3	502.4	319.9	0.0	90.9	25.7	47.
73.3	13.5	24959.0	25.0	-47.2	-57.9	999.9	99.9	99.9	99.9	549.1	999.9	0.0	99.9	122.9	53.

 * BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONEY, MISSOURI10 APRIL 1979
2305 GMT

TIME MIN	CATCT	WEIGHT GPM	REFS MR	TEMP DEG C	DEW PT DEG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RTO CM/KG	DN DCT	RANGE KM	AZ DG
30.2	130.4	429.0	933.6	9.3	7.2	110.0	5.3	-8.7	3.2	295.3	302.7	6.7	31.0	0.0	0.
30.9	93.3	60.0	1000.0	95.6	90.9	99.9	94.9	99.0	90.9	99.9	99.9	99.9	99.9	99.9	99.9
31.3	93.3	93.0	975.0	99.9	90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.7	130.7	450.4	933.0	9.3	7.2	114.1	15.4	-14.1	6.3	295.6	303.3	6.7	91.7	0.3	32.5
31.9	130.4	630.0	925.0	9.1	4.6	129.3	21.4	-16.0	12.6	297.5	304.9	6.6	83.3	1.2	23.6
32.5	130.7	915.6	920.0	13.5	13.3	148.0	15.5	-10.3	13.5	295.5	310.8	9.9	90.4	2.1	23.6
32.5	130.7	1155.9	925.0	12.7	7.1	161.4	14.4	-4.5	13.7	298.1	317.8	7.3	64.3	2.9	31.5
32.5	130.7	1401.1	925.0	12.9	4.2	169.3	11.5	-2.1	11.3	299.5	317.8	7.3	64.3	2.9	31.5
4.2	22.1	1651.0	925.0	10.1	4.6	190.5	16.6	0.1	10.4	299.3	317.1	7.0	64.3	2.9	31.5
4.5	22.5	1900.7	925.0	8.5	3.8	192.1	11.4	2.4	11.1	300.2	317.7	6.3	72.3	3.8	32.6
5.7	206.4	2140.5	775.0	6.4	3.6	216.6	11.2	7.3	9.9	300.7	319.5	6.4	91.9	4.5	33.6
7.4	31.3	2712.6	725.0	4.2	2.5	225.3	14.3	10.7	9.5	301.2	319.5	5.1	93.4	4.7	34.3
8.4	36.4	2905.4	720.0	2.0	1.4	221.6	14.6	11.0	12.4	302.6	319.1	5.9	93.4	5.1	34.3
9.3	37.0	3287.8	675.0	0.5	-0.4	216.1	17.1	10.1	13.6	303.2	319.3	5.3	93.4	5.3	35.7
10.7	32.7	3852.4	530.0	-2.0	-1.6	207.6	11.9	8.9	18.8	308.6	319.0	5.0	94.9	6.9	3.0
11.3	45.4	4201.1	435.0	-1.5	-2.4	198.7	21.4	8.5	25.0	307.2	321.4	5.0	94.9	6.9	3.0
13.0	45.1	4222.9	430.0	-3.7	-3.4	201.3	34.2	11.7	30.9	308.2	327.3	4.1	97.9	10.2	9.0
14.4	53.0	4555.3	375.0	-6.3	-5.5	206.3	34.5	15.3	30.9	310.0	319.3	3.1	97.9	12.5	12.0
15.3	53.0	4931.0	350.0	-9.4	-12.1	209.9	34.9	17.9	31.7	311.7	320.6	2.9	91.5	15.3	15.0
16.3	53.4	5272.9	325.0	-12.1	-14.5	212.1	34.1	18.1	28.9	312.7	321.2	2.9	91.5	17.7	17.0
17.3	53.0	5610.3	320.0	-15.5	-15.7	221.4	34.0	22.4	28.9	313.9	320.2	2.0	91.5	20.5	18.0
21.5	53.1	6417.4	450.0	-19.0	-22.0	225.7	34.9	25.7	25.1	314.6	320.7	2.1	91.5	23.7	21.0
22.7	53.4	6939.1	425.0	-20.5	-25.0	223.3	31.2	21.4	27.7	317.5	321.5	1.4	91.5	25.4	24.0
24.2	63.0	7273.1	420.0	-27.1	-31.9	216.9	21.5	14.1	28.4	319.4	321.5	1.0	91.5	27.0	24.0
25.0	73.4	7740.7	375.0	-30.0	-35.0	219.5	21.6	15.4	18.2	320.8	322.2	0.7	91.5	31.9	25.0
27.1	77.0	8225.8	350.0	-34.9	-39.9	221.5	21.1	13.4	15.1	321.8	322.6	0.5	91.5	35.9	25.0
28.4	93.4	9735.6	325.0	-42.2	-48.6	219.1	21.1	13.4	15.1	321.8	323.1	0.4	91.5	39.9	25.0
30.0	93.4	9950.4	275.0	-47.7	-54.6	213.4	21.1	12.4	15.9	322.6	323.5	0.2	91.5	43.9	24.0
31.9	93.0	9950.4	250.0	-49.1	-59.9	209.7	21.6	11.0	20.4	323.6	323.9	0.2	91.5	48.9	24.0
34.1	93.0	10478.0	225.0	-49.1	-59.9	207.7	21.6	12.5	21.7	325.7	323.9	0.2	91.5	53.9	24.0
34.3	103.7	11193.2	200.0	-54.2	-60.3	211.4	21.6	14.4	21.7	327.2	323.9	0.2	91.5	57.9	26.0
40.7	130.4	12770.3	175.0	-64.2	-69.3	229.7	31.2	24.0	21.9	331.1	323.9	0.2	91.5	63.9	30.0
42.3	126.3	13657.2	150.0	-65.7	-70.9	235.7	31.4	31.7	21.6	331.3	323.9	0.2	91.5	67.9	30.0
45.3	126.3	14511.7	125.0	-65.7	-70.9	242.4	31.1	28.4	18.9	330.5	323.9	0.2	91.5	71.9	30.0
47.3	126.3	15227.3	100.0	-61.4	-69.9	246.1	27.1	24.8	11.2	439.2	323.9	0.2	91.5	75.9	30.0
55.3	135.7	17976.3	75.0	-67.0	-70.9	252.9	27.8	26.5	8.2	439.0	323.9	0.2	91.5	81.9	30.0
62.3	145.4	20522.4	50.0	-71.4	-69.9	262.3	14.6	14.5	2.0	437.8	323.9	0.2	91.5	85.9	30.0
72.3	157.5	24001.3	25.0	-79.1	-69.9	272.1	11.6	16.6	-0.6	433.7	323.9	0.2	91.5	91.9	30.0

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STATION NO. 349
MONT-T. MISSOURI

11 APRIL 1979
235 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MS	TEMP DEG C	QW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	WX RTO CM/SEC	RM PCT	RANGE KM	AZ DEG
00.0	10.1	438.0	952.3	7.5	6.4	140.0	12.9	-8.3	9.9	284.6	301.0	6.4	93.0	0.0	0.
00.2	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	992.7	999.
00.3	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	990.9	999.
00.4	10.4	453.0	952.3	7.4	6.3	136.5	10.7	-10.1	10.7	290.7	301.1	6.3	92.9	0.1	349.
00.5	10.5	477.3	925.0	5.3	4.8	125.9	23.4	-18.9	13.7	240.7	299.6	5.7	95.0	0.9	301.
00.6	10.6	501.7	930.7	6.2	5.6	142.0	23.6	-15.8	13.7	287.9	310.8	6.4	94.1	1.0	307.
00.7	10.7	1135.1	975.0	10.6	10.1	163.9	23.4	-8.3	28.7	294.8	310.8	6.9	94.6	3.3	319.
00.8	10.8	1375.5	950.0	13.0	11.8	178.8	33.0	-0.7	35.0	290.8	327.5	10.3	92.2	6.7	329.
00.9	10.9	1620.7	925.0	11.6	9.4	194.3	33.6	8.3	32.6	320.8	323.9	8.5	81.1	5.2	339.
01.0	11.0	1847.2	975.0	10.2	6.9	205.4	27.1	11.6	32.5	323.1	323.1	7.7	79.2	7.2	349.
01.1	11.1	2152.6	775.0	9.9	2.4	200.7	28.1	9.9	28.3	302.4	318.9	5.9	67.9	9.6	352.
01.2	11.2	2421.1	750.0	7.4	-14.6	195.9	30.9	10.0	28.3	302.4	318.9	1.4	16.1	9.6	356.
01.3	11.3	2692.5	725.0	5.7	-3.3	199.7	30.9	10.4	28.3	302.4	318.9	4.1	52.3	11.2	359.
01.4	11.4	2945.6	725.0	3.3	-2.4	203.5	29.3	11.7	24.9	306.2	321.5	5.4	77.3	12.4	36.
01.5	11.5	3273.7	675.0	1.7	-1.1	202.3	34.3	12.9	31.4	306.8	321.5	5.2	95.4	14.2	5.
01.6	11.6	3593.0	650.0	-0.2	-13.8	202.3	34.3	13.9	33.0	306.8	321.5	2.4	44.9	16.0	7.
01.7	11.7	3952.7	625.0	-2.0	-12.6	203.2	37.3	14.7	33.0	310.2	316.6	2.3	43.9	18.4	10.
01.8	11.8	4212.9	600.0	-5.1	-9.7	204.8	32.6	13.7	24.6	310.3	321.7	3.9	59.3	21.9	11.
01.9	11.9	4532.0	575.0	-7.3	-11.2	209.7	28.1	13.9	24.4	310.3	321.7	2.9	73.5	24.2	13.
02.0	12.0	4805.4	550.0	-9.1	-12.2	212.1	28.3	15.1	24.0	310.4	317.2	1.2	33.7	26.2	14.
02.1	12.1	5055.2	525.0	-11.9	-17.4	212.0	32.4	17.2	27.5	310.2	314.3	0.3	1.4	28.5	15.
02.2	12.2	5250.2	500.0	-15.6	-23.3	212.7	33.4	18.1	25.1	310.1	314.4	0.1	3.7	30.5	17.
02.3	12.3	5510.7	475.0	-17.6	-22.7	212.4	37.1	19.9	31.4	310.9	319.1	1.3	70.5	32.7	19.
02.4	12.4	5812.7	450.0	-21.2	-23.8	214.7	38.6	21.9	31.7	310.6	320.7	1.2	72.2	35.1	19.
02.5	12.5	6109.3	425.0	-27.3	-17.3	225.5	27.4	19.5	19.2	310.0	316.3	0.7	75.4	37.9	20.
02.6	12.6	6407.6	400.0	-29.0	-32.7	226.5	30.6	22.2	21.1	317.2	319.4	0.5	70.1	39.5	21.
02.7	12.7	6723.2	375.0	-31.5	-36.0	226.4	33.0	23.9	22.7	319.9	321.5	0.5	54.5	40.3	22.
02.8	12.8	7029.5	350.0	-35.3	-40.2	224.4	33.5	23.4	25.0	321.1	322.3	0.3	50.7	42.7	24.
02.9	12.9	7305.2	325.0	-36.6	-44.7	225.4	28.4	21.0	25.4	322.1	322.3	0.2	53.2	45.9	25.
03.0	13.0	7563.1	300.0	-43.5	-48.9	229.2	28.4	21.1	18.9	324.0	322.9	0.9	90.9	47.4	27.
03.1	13.1	7805.0	275.0	-48.7	99.9	244.2	21.8	19.6	9.5	324.6	322.9	99.9	99.9	51.2	29.
03.2	13.2	8042.4	250.0	-54.6	99.9	253.0	18.6	17.9	5.1	324.6	322.9	99.9	99.9	54.0	32.
03.3	13.3	8279.0	225.0	-59.3	99.9	257.2	24.5	23.5	7.2	327.6	322.9	99.9	99.9	56.7	35.
03.4	13.4	8517.5	200.0	-63.9	99.9	247.2	36.8	33.9	14.3	332.3	322.9	99.9	99.9	59.7	37.
03.5	13.5	8748.1	175.0	-68.1	99.9	237.2	38.1	30.3	16.3	340.1	322.9	99.9	99.9	62.7	39.
03.6	13.6	8943.5	150.0	-68.4	99.9	238.0	33.6	26.7	17.9	340.7	322.9	99.9	99.9	65.4	42.
03.7	13.7	9179.0	125.0	-68.9	99.9	242.2	33.2	29.3	15.5	340.7	322.9	99.9	99.9	68.9	45.
03.8	13.8	9479.2	100.0	-68.4	99.9	242.3	28.1	23.1	12.1	411.1	322.9	99.9	99.9	71.9	48.
03.9	13.9	9794.0	75.0	-55.3	99.9	249.3	19.6	18.3	6.9	440.6	322.9	99.9	99.9	74.9	51.
04.0	14.0	10047.0	50.0	-53.7	99.9	249.3	99.9	99.9	99.9	440.6	322.9	99.9	99.9	77.0	54.
04.1	14.1	10297.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	440.6	322.9	99.9	99.9	79.0	57.
04.2	14.2	10547.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	440.6	322.9	99.9	99.9	81.0	60.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SIZED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MOWETT, MISSOURI11 APRIL 1979
505 GMT

TIME MIN	CATCT	HEIGHT CM	PRES MB	TEMP DEG C	DRY PT DEG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND STG CM/KG	SH DEG	RANGE KM	AZ DG
30.2	130.9	478.0	955.6	9.5	6.1	122.0	7.7	-6.7	3.8	285.3	301.4	6.2	95.0	0.0	0.0
30.3	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.6	120.0	707.1	925.2	6.9	6.2	130.0	1.7	-6.7	5.6	285.8	302.7	6.5	95.4	0.2	331.0
30.7	150.1	931.2	925.2	5.2	4.5	145.7	0.6	-3.7	5.6	286.3	303.1	6.5	95.6	0.5	336.0
30.8	170.4	1162.4	925.2	4.5	3.9	141.3	1.6	-3.5	4.4	286.8	302.3	5.7	95.5	0.2	311.0
30.9	130.0	1363.6	925.2	4.2	3.5	141.0	1.1	-6.4	7.9	280.6	306.1	5.9	95.3	1.1	315.0
31.0	220.2	1441.9	925.2	3.9	3.3	150.0	1.3	-7.5	1.2	282.4	309.6	5.9	95.5	1.5	315.0
31.1	240.7	1693.2	925.2	3.4	4.7	166.0	2.5	-6.9	1.9	286.9	315.2	6.9	95.7	2.1	322.0
31.2	270.1	2154.0	925.2	4.7	5.1	177.3	2.7	-1.2	2.9	301.1	322.1	7.7	95.7	3.1	332.0
31.3	290.7	2424.6	925.2	7.2	5.5	197.9	2.8	4.1	2.9	304.4	327.0	9.2	95.7	4.2	344.0
31.4	320.2	2723.1	925.2	4.5	3.9	195.5	2.8	7.7	2.7	306.5	324.0	7.2	95.3	7.5	355.0
31.5	340.3	2983.1	925.2	3.0	2.4	195.3	2.7	7.9	2.7	305.9	324.0	6.5	95.2	7.1	350.0
31.6	370.4	3283.7	925.2	1.5	0.8	196.0	3.8	8.3	3.6	307.3	324.6	5.1	95.3	10.5	360.0
31.7	400.3	3583.4	925.2	7.3	-3.4	193.9	2.5	10.1	2.9	309.3	325.9	5.7	95.1	11.5	360.0
31.8	430.3	3883.4	925.2	-3.2	-3.1	202.3	2.5	10.5	10.5	310.0	324.3	4.9	95.4	13.5	360.0
31.9	460.3	4183.4	925.2	-7.7	-7.7	197.8	3.6	10.0	3.1	307.2	312.8	1.9	95.3	14.5	360.0
32.0	490.3	4483.4	925.2	-5.9	-7.0	194.4	3.6	9.5	3.2	308.4	312.6	1.3	95.0	16.4	360.0
32.1	510.3	4783.4	925.2	-12.2	-22.1	191.7	3.2	6.7	3.5	309.7	313.4	1.2	95.2	18.4	360.0
32.2	540.3	5083.4	925.2	-14.9	-27.3	191.1	3.8	6.1	3.1	310.6	315.2	1.4	95.2	21.1	360.0
32.3	570.3	5383.4	925.2	-15.9	-29.3	196.3	3.2	10.5	3.7	312.9	319.5	1.9	95.6	22.9	360.0
32.4	600.3	5683.4	925.2	-15.4	-19.0	204.9	3.4	14.5	3.2	313.9	325.1	2.2	95.6	24.3	360.0
32.5	630.3	5983.4	925.2	-19.1	-22.0	214.6	3.1	17.1	2.9	314.2	324.0	1.5	95.3	25.7	360.0
32.6	660.3	6283.4	925.2	-22.2	-25.4	213.3	3.5	21.7	3.0	320.6	324.4	1.1	95.5	27.3	360.0
32.7	690.3	6583.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
32.8	720.3	6883.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
32.9	750.3	7183.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
33.0	780.3	7483.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
33.1	810.3	7783.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
33.2	840.3	8083.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
33.3	870.3	8383.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
33.4	900.3	8683.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
33.5	930.3	8983.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
33.6	960.3	9283.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
33.7	990.3	9583.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
33.8	1020.3	9883.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
33.9	1050.3	10183.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
34.0	1080.3	10483.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
34.1	1110.3	10783.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
34.2	1140.3	11083.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
34.3	1170.3	11383.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
34.4	1200.3	11683.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
34.5	1230.3	11983.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
34.6	1260.3	12283.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
34.7	1290.3	12583.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
34.8	1320.3	12883.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
34.9	1350.3	13183.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
35.0	1380.3	13483.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
35.1	1410.3	13783.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
35.2	1440.3	14083.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
35.3	1470.3	14383.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
35.4	1500.3	14683.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
35.5	1530.3	14983.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
35.6	1560.3	15283.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
35.7	1590.3	15583.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
35.8	1620.3	15883.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
35.9	1650.3	16183.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
36.0	1680.3	16483.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
36.1	1710.3	16783.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
36.2	1740.3	17083.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
36.3	1770.3	17383.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
36.4	1800.3	17683.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
36.5	1830.3	17983.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
36.6	1860.3	18283.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
36.7	1890.3	18583.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
36.8	1920.3	18883.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
36.9	1950.3	19183.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
37.0	1980.3	19483.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
37.1	2010.3	19783.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
37.2	2040.3	20083.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
37.3	2070.3	20383.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
37.4	2100.3	20683.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
37.5	2130.3	20983.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
37.6	2160.3	21283.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
37.7	2190.3	21583.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
37.8	2220.3	21883.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
37.9	2250.3	22183.4	925.2	-25.9	-29.8	223.0	3.3	24.4	2.6	321.4	324.1	0.8	95.3	30.2	360.0
38.0	2280.3	22483.4													

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MONNETT, MISSOURI11 APRIL 1979
035 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX WTD GM/KG	RM PCT	RANGE KM	AZ DG
0.0	10.3	438.0	952.5	8.7	7.6	120.0	7.2	-6.2	3.6	285.8	303.7	6.9	93.0	0.3	0
0.3	99.9	99.9	1000.0	44.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.6	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.1	10.6	462.7	950.0	8.9	7.7	124.3	9.5	-7.8	5.3	286.2	304.2	7.0	93.0	0.1	334
1.3	12.6	483.4	925.0	12.7	10.6	145.5	11.3	-8.4	9.3	292.3	315.6	9.3	93.3	0.1	337
1.9	15.1	514.7	920.0	13.6	12.0	165.4	9.1	-2.0	8.7	295.6	321.7	9.9	93.0	1.3	320
2.7	17.4	1152.2	475.0	11.9	10.9	172.4	8.2	-1.1	4.2	296.1	321.2	9.5	93.0	1.6	326
3.0	17.7	1354.0	950.0	10.8	10.2	181.9	12.4	0.4	12.4	297.5	325.2	9.2	93.7	2.0	334
4.4	22.1	1644.6	925.0	10.9	10.1	190.3	15.7	3.0	16.4	300.0	325.6	9.5	93.6	2.7	342
5.3	24.9	1901.5	910.0	9.7	9.0	197.1	20.0	5.9	19.1	301.5	326.3	9.1	93.5	3.6	351
5.2	25.9	2165.4	775.0	9.2	7.5	198.3	21.2	6.7	20.1	302.6	325.9	8.9	93.5	4.5	357
7.3	27.4	2436.3	750.0	6.9	6.3	199.2	21.7	6.9	20.4	304.1	325.4	8.0	93.4	5.3	36
7.5	32.0	2714.9	725.0	5.1	4.5	199.0	21.7	6.7	20.5	305.1	325.5	7.3	93.7	6.3	36
9.2	34.6	3001.7	700.0	3.3	2.6	198.2	23.0	7.2	21.9	309.1	324.9	6.6	93.4	7.1	5
9.8	37.2	3295.9	675.0	1.5	0.6	201.8	22.1	8.2	20.5	307.3	324.5	6.0	93.9	7.9	9
9.5	39.3	3593.1	650.0	-0.2	-1.0	205.1	24.7	10.5	22.3	309.7	324.6	5.5	93.9	9.7	8
9.3	42.4	3913.4	625.0	-0.4	-1.1	208.4	25.8	12.9	23.4	312.0	324.6	5.7	93.1	9.4	9
10.7	45.1	4218.4	600.0	-0.4	-0.9	213.0	27.7	15.1	27.3	309.4	325.6	3.9	91.8	10.3	12
11.7	47.2	4570.1	575.0	-0.1	-0.5	209.3	31.3	15.3	27.3	309.4	315.5	2.0	90.4	12.2	15
12.7	51.1	4912.9	550.0	-11.5	-27.9	205.2	32.4	13.4	29.3	309.9	315.5	1.1	90.5	14.1	16
13.3	54.1	5267.3	525.0	-14.5	-22.2	201.9	35.3	11.2	32.8	311.0	314.9	1.2	91.4	15.4	14
14.3	57.1	5635.2	490.0	-17.1	-23.8	199.1	33.9	11.1	32.1	312.2	315.7	1.1	91.7	16.4	14
15.1	59.6	6015.2	475.0	-19.6	-25.9	200.0	34.5	11.8	32.4	315.0	315.9	1.2	92.4	21.2	14
17.5	63.6	6429.7	450.0	-21.3	-25.1	204.5	33.4	13.9	30.4	316.5	315.9	1.0	92.7	24.2	14
19.1	67.3	6847.6	425.0	-23.6	-29.3	212.3	28.2	15.1	23.9	318.8	321.7	0.9	94.9	29.4	12
23.5	70.4	7242.0	400.0	-26.1	-31.7	220.0	26.0	16.7	19.9	321.1	325.6	0.7	95.9	29.4	23
24.3	74.0	7745.2	375.0	-28.5	-34.2	226.1	25.5	18.4	17.7	323.9	326.1	0.6	96.9	21.7	23
25.3	77.9	8236.9	350.0	-32.3	-39.1	226.0	24.7	17.8	17.1	325.2	326.6	0.4	96.3	23.7	26
25.3	81.7	8745.4	325.0	-36.3	-42.3	223.7	27.2	18.8	19.6	324.7	327.7	0.3	95.3	35.2	26
27.1	84.4	9145.1	300.0	-41.3	-49.9	226.3	24.3	21.0	20.0	327.1	315.9	0.3	97.0	31.9	27
28.9	90.2	9699.1	275.0	-46.9	-59.9	226.9	32.7	25.0	21.1	327.4	309.9	0.2	99.0	41.7	23
33.7	94.5	10514.1	250.0	-52.0	-69.9	233.5	36.0	28.9	21.4	329.8	309.9	0.2	99.9	45.1	32
32.5	99.2	11197.3	225.0	-56.3	-74.9	230.4	40.5	31.2	25.9	329.2	309.9	0.2	99.9	47.1	32
35.7	104.0	11921.0	200.0	-59.5	-79.9	225.0	38.3	27.1	27.1	338.6	309.9	0.2	99.9	54.9	34
37.7	110.2	12741.3	175.0	-55.4	-74.9	214.6	33.4	17.2	25.9	351.8	309.9	0.2	99.9	63.5	35
43.2	119.0	13714.3	150.0	-65.3	-89.9	215.4	22.4	13.0	19.2	357.6	309.9	0.2	99.9	64.5	35
43.1	123.2	14322.2	125.0	-61.1	-89.9	230.5	25.6	19.7	16.3	384.4	309.9	0.2	99.9	68.5	35
47.8	130.7	15216.0	100.0	-61.1	-89.9	246.7	22.7	20.9	9.0	409.5	309.9	0.2	99.9	75.5	37
51.5	139.5	16011.7	75.0	-62.5	-89.9	242.7	15.9	13.0	7.9	441.2	309.9	0.2	99.9	83.5	39
51.3	145.5	20521.3	50.0	-52.8	-89.9	999.9	999.9	999.9	99.9	504.9	309.9	0.2	99.9	93.5	41
99.9	99.9	99.9	35.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

0.0 BY SPEED MEANS ELEVATION ON ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEAN, TEMP MEASURE ON TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONEY, MISSOURI

11 APRIL 1979
1102 GMT

TIME MIN	CNTCT	HEIGHT GPM	WINDS KTS	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/S	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND G/SEC	WIND KTS	WIND KTS	WIND KTS
302	1300	4350.0	960.9	6.7	7.2	120.0	8.9	77.6	4.4	285.0	303.4	6.7	90.0	0.0	0.0
303	9300	10000.0	990.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
304	9300	990.9	990.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
305	9300	990.9	990.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
306	1301	4580.3	920.3	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
307	1304	8990.3	930.3	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
308	1307	11290.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
309	1310	13730.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
310	1313	16250.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
311	1316	18830.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
312	1319	21070.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
313	1322	24100.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
314	1325	26900.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
315	1328	29600.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
316	1331	32400.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
317	1334	35100.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
318	1337	37800.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
319	1340	40500.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
320	1343	43200.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
321	1346	45900.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
322	1349	48600.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
323	1352	51300.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
324	1355	54000.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
325	1358	56700.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
326	1401	59400.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
327	1404	62100.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
328	1407	64800.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
329	1410	67500.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
330	1413	70200.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
331	1416	72900.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
332	1419	75600.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
333	1422	78300.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
334	1425	81000.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
335	1428	83700.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
336	1431	86400.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
337	1434	89100.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
338	1437	91800.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
339	1440	94500.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
340	1443	97200.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
341	1446	99900.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
342	1449	102600.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
343	1452	105300.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
344	1455	108000.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
345	1458	110700.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
346	1501	113400.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
347	1504	116100.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
348	1507	118800.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
349	1510	121500.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
350	1513	124200.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
351	1516	126900.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
352	1519	129600.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
353	1522	132300.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
354	1525	135000.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
355	1528	137700.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
356	1531	140400.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
357	1534	143100.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
358	1537	145800.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
359	1540	148500.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0
360	1543	151200.0	970.0	10.4	9.5	131.6	17.0	-12.7	11.3	289.9	311.4	9.3	90.3	0.0	31.0

WIND SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
WIND TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
WIND SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 393
OKLAHOMA CITY, OKLAHOMA10 APRIL 1979
1105 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY Y DG K	E POT Y DG K	MX WYO CM/KG	RM PCT	RANGE KM	AZ DEG
3.3	13.6	392.0	959.0	10.0	9.3	100.0	6.0	-4.0	4.7	290.7	305.2	7.2	99.0	0.0	0.0
9.3	9.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	11.5	642.1	952.0	10.4	7.1	141.3	7.6	-4.8	5.9	297.8	305.2	6.7	99.3	0.0	32.3
1.1	13.6	684.1	930.0	10.0	7.2	153.7	15.4	-6.8	13.9	299.5	307.7	6.9	93.0	0.0	32.5
1.9	15.4	912.7	910.0	10.3	5.7	165.6	21.3	-3.0	20.9	293.2	310.3	6.4	93.4	1.9	33.3
2.3	14.0	1146.0	975.0	10.3	7.3	184.8	18.0	1.5	17.9	294.5	314.2	7.4	91.4	3.3	34.2
3.6	20.2	1390.2	958.0	8.9	7.6	202.8	14.6	5.6	13.4	295.4	316.1	7.8	92.3	3.7	34.8
4.4	22.5	1636.6	825.0	4.2	6.0	220.5	12.4	8.1	9.4	297.3	318.7	7.2	95.1	4.1	35.5
5.4	24.7	1893.5	833.0	6.3	3.9	223.5	11.4	7.9	8.3	297.9	319.3	6.4	94.9	4.6	1.0
5.3	27.0	2132.1	775.0	3.9	2.7	228.8	11.7	8.3	8.3	298.1	319.6	6.0	91.6	5.1	6.0
7.3	24.4	2417.7	753.0	4.3	-7.9	227.0	13.2	9.7	9.0	301.2	309.4	2.8	47.5	5.7	11.0
9.2	31.4	2692.5	725.0	2.0	-9.7	227.8	13.7	10.1	9.2	301.7	309.4	2.5	41.5	5.3	15.0
9.3	34.2	2974.5	700.0	-0.4	-12.6	229.8	15.4	11.7	9.9	302.1	308.3	2.1	39.9	7.1	19.0
13.3	36.7	3244.1	675.0	-2.9	-17.6	232.3	17.0	13.4	10.4	302.4	308.8	1.4	31.4	7.3	23.0
11.3	34.7	3462.4	650.0	-4.3	-23.7	231.2	18.7	14.6	11.7	304.2	308.9	0.9	20.3	7.9	25.0
12.4	41.4	3870.9	624.0	-5.2	-25.2	230.0	19.4	14.9	12.5	306.5	309.0	0.9	19.1	10.1	29.0
13.5	47.4	4130.6	600.0	-6.5	-29.9	233.8	20.1	16.2	11.9	309.6	310.3	0.5	13.5	11.4	32.0
14.3	47.2	4321.1	575.0	-3.0	-32.6	236.4	21.9	18.2	12.1	307.4	310.8	0.4	12.7	12.7	35.0
15.9	53.0	4643.1	553.0	-12.0	-37.7	239.8	22.0	19.7	11.5	309.8	311.6	0.5	12.3	14.2	37.0
17.1	52.0	5217.4	525.0	-14.5	-37.1	240.8	25.3	22.1	12.3	311.0	313.0	0.6	25.0	15.3	40.0
14.5	55.4	5445.5	500.0	-17.3	-42.6	238.6	27.9	23.8	14.5	312.3	312.9	0.2	9.7	17.9	42.0
13.3	58.4	5647.3	475.0	-20.4	-44.0	238.7	29.1	24.9	15.1	312.8	313.3	0.2	9.9	20.1	44.0
21.4	61.9	6165.4	450.0	-23.9	-44.0	241.2	27.9	24.4	13.4	313.3	313.9	0.2	13.6	22.5	45.0
23.1	55.1	6750.1	425.0	-27.4	-37.0	242.9	26.5	23.5	12.1	314.0	315.0	0.3	31.7	25.3	47.0
24.7	54.4	7213.2	400.0	-31.2	-44.0	243.5	25.3	26.3	13.1	314.5	315.0	0.1	19.5	27.8	49.0
25.4	51.3	7466.5	375.0	-35.6	-51.6	245.7	30.1	27.4	12.4	314.5	314.8	0.1	17.4	30.7	50.0
43.2	75.4	9142.7	350.0	-39.4	-59.4	248.3	32.1	28.9	13.0	315.7	308.9	99.9	99.9	28.7	52.0
37.3	73.1	9445.4	325.0	-43.7	-63.9	240.9	36.1	33.3	14.5	316.5	99.9	99.9	99.9	39.2	53.0
32.3	73.9	9170.0	300.0	-45.3	-65.9	242.4	35.7	35.2	14.4	320.2	99.9	99.9	99.9	47.0	54.0
34.4	77.0	9745.3	275.0	-48.4	-69.9	245.6	36.1	34.9	15.1	324.2	99.9	99.9	99.9	49.4	55.0
37.4	81.4	10377.7	250.0	-51.1	-73.9	250.7	46.8	44.2	15.5	330.1	99.9	99.9	99.9	55.2	57.0
43.2	92.0	11377.7	225.0	-57.3	-83.9	243.0	40.5	46.1	18.4	336.8	99.9	99.9	99.9	62.4	58.0
47.2	110.7	11877.6	200.0	-57.4	-83.9	243.2	47.3	42.4	20.4	341.9	99.9	99.9	99.9	70.1	59.0
47.2	108.3	12442.9	175.0	-58.4	-89.9	243.7	34.2	30.9	14.6	353.6	99.9	99.9	99.9	73.1	59.0
51.4	112.3	13222.1	150.0	-58.9	-89.9	242.9	42.4	38.6	19.7	369.5	99.9	99.9	99.9	89.7	60.0
55.2	117.0	14756.7	125.0	-60.0	-93.9	254.2	26.5	27.4	7.8	386.4	99.9	99.9	99.9	100.9	60.0
51.9	124.3	14150.7	100.0	-62.2	-93.9	252.5	27.2	25.5	9.5	407.6	99.9	99.9	99.9	103.1	61.0
53.9	133.0	17940.4	75.0	-61.4	-93.9	252.3	24.7	25.5	9.1	444.1	99.9	99.9	99.9	119.3	62.0
74.3	144.7	23400.7	50.0	-61.7	-92.9	246.1	16.1	17.4	-5.0	499.1	99.9	99.9	99.9	134.3	62.0
92.5	155.0	24955.9	25.0	-65.3	-93.9	255.7	21.1	20.4	5.2	642.8	99.9	99.9	99.9	145.1	65.0

* BY SPEED MEANS ELEVATION ANGLE 2 DEGS AND 10 DEGS
 * BY TIME MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEGS

10 APRIL 1970
1435 GMT

154 170 0

TIME 414	CNCT	WEIGHT GPA	PREP MB	TYPE DC C	DEM PT DC C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX POT GM/KG	RM PCT	RANGE MM CG
3.3	13.4	392.3	955.3	11.1	10.0	130.0	8.8	-6.7	5.7	287.7	308.6	8.1	93.0	900.0
9.2	9.8	99.0	1000.0	99.9	99.9	99.0	99.9	99.0	99.9	99.9	99.9	99.9	999.9	999.9
9.9	9.9	99.9	975.0	99.9	99.9	99.0	99.9	99.0	99.9	99.9	99.9	99.9	999.9	999.9
3.1	11.1	464.4	950.0	11.4	9.5	130.0	15.5	-10.0	11.9	298.7	309.2	7.9	94.5	9.5
1.3	13.4	687.5	925.0	9.6	8.8	184.9	16.6	-8.6	14.2	292.2	309.3	7.7	94.5	1.3
1.9	13.7	918.6	970.0	10.7	9.9	171.9	19.7	-2.8	19.5	292.2	314.9	9.5	98.5	1.9
2.9	13.0	1151.2	875.0	10.9	10.1	191.5	18.5	3.7	19.1	295.1	319.9	9.5	94.7	2.9
3.7	20.3	1393.2	953.0	9.6	7.1	190.7	16.3	5.4	15.3	294.2	319.3	8.4	94.2	3.7
4.7	22.4	1460.9	925.0	9.4	7.1	200.7	19.5	5.9	15.4	294.2	319.3	7.7	92.7	4.7
5.7	23.2	1495.1	970.0	6.8	5.3	199.2	17.0	5.5	16.1	298.4	317.6	7.0	90.4	5.7
6.8	27.8	2145.4	775.0	5.1	3.4	199.2	17.6	5.5	16.8	299.2	316.7	5.3	89.9	6.8
7.5	30.2	2523.0	750.0	2.4	-1.3	206.2	14.4	6.4	12.9	302.2	313.1	4.4	85.9	7.5
8.4	32.4	2594.0	735.0	2.0	-1.3	212.5	14.2	7.1	11.1	302.2	313.9	2.3	84.4	8.4
9.5	34.4	2950.6	700.0	0.1	-0.7	214.9	13.5	7.5	11.1	302.6	310.3	2.3	84.4	9.5
10.5	36.1	3270.7	675.0	-2.7	-10.4	212.9	15.1	8.2	12.6	302.6	310.2	2.4	85.4	10.5
11.7	42.7	3543.4	653.0	-3.6	-21.3	214.7	17.2	15.4	13.4	302.6	317.9	0.9	90.9	11.7
12.9	48.5	3799.1	630.0	-4.0	-37.5	229.3	19.1	14.5	12.5	302.6	317.2	7.4	9.7	12.9
17.3	48.3	4199.7	600.0	-5.3	-25.5	234.9	20.3	16.5	11.7	302.6	311.2	7.7	14.7	17.3
15.2	48.2	4531.5	575.0	-2.5	-15.4	234.5	22.4	19.7	12.1	310.0	311.2	0.3	9.2	15.2
17.3	52.1	4874.4	550.0	-10.4	-75.0	235.6	23.9	19.7	13.5	311.8	312.9	0.3	10.0	17.3
17.5	56.1	5232.0	525.0	-13.7	-15.7	234.4	25.4	20.8	14.7	312.0	313.2	0.4	14.4	17.5
17.3	56.3	5592.4	500.0	-16.7	-16.7	234.6	25.3	20.8	14.7	312.0	313.2	0.4	14.4	17.3
17.3	56.4	5924.7	475.0	-19.3	-41.9	234.0	25.7	20.8	15.1	314.1	314.8	0.2	11.6	17.3
21.9	58.7	6342.1	450.0	-22.7	-49.9	235.4	26.6	21.5	15.1	314.7	319.6	0.3	13.1	21.9
22.9	58.1	6698.4	425.0	-26.1	-70.1	234.0	25.3	21.5	15.4	315.4	314.3	0.2	27.4	22.9
24.3	71.6	7213.6	400.0	-30.2	-41.4	235.5	30.3	25.0	17.0	315.8	315.8	0.2	25.9	24.3
23.3	73.1	7433.6	375.0	-32.8	-47.6	236.1	33.5	27.9	18.7	316.9	317.4	0.1	24.1	23.3
27.5	73.9	8152.2	350.0	-37.7	-51.1	236.1	31.5	26.2	17.6	319.0	319.0	0.1	22.9	27.5
27.3	74.9	8475.6	325.0	-41.9	-73.3	236.3	32.5	26.7	17.6	319.0	319.0	0.1	22.9	27.3
31.1	76.4	9112.7	300.0	-46.0	-94.9	236.4	34.4	26.4	17.6	319.0	319.0	0.1	22.9	31.1
31.2	76.2	9440.9	275.0	-49.3	-99.0	236.5	35.0	26.1	17.6	319.0	319.0	0.1	22.9	31.2
35.5	76.7	10133.2	250.0	-50.1	-103.0	237.4	45.0	30.1	25.2	321.5	320.2	0.1	22.9	35.5
37.8	103.6	11079.6	225.0	-53.5	-109.9	242.3	47.0	33.9	22.3	331.5	329.9	0.1	22.9	37.8
47.3	136.6	11445.0	200.0	-56.0	-114.9	233.5	41.7	35.9	17.2	336.9	329.9	0.1	22.9	47.3
47.5	111.3	12545.0	175.0	-57.4	-104.9	239.4	40.5	35.0	20.3	340.9	329.9	0.1	22.9	47.5
47.1	117.2	13643.7	150.0	-58.4	-109.9	238.2	35.4	37.3	19.7	355.2	329.9	0.1	22.9	47.1
51.7	124.0	15155.3	125.0	-59.6	-114.9	238.4	35.1	37.1	19.5	359.1	329.9	0.1	22.9	51.7
57.4	136.7	16210.6	100.0	-60.3	-119.9	239.5	-22.4	37.7	16.3	411.3	329.9	0.1	22.9	57.4
60.9	140.4	17774.5	75.0	-61.0	-124.9	242.1	26.1	23.0	12.2	445.0	329.9	0.1	22.9	60.9
72.3	149.5	22525.3	50.0	-62.6	-134.9	266.7	17.0	18.9	1.1	504.6	329.9	0.1	22.9	72.3
72.3	150.7	23624.4	25.0	-67.7	-139.9	256.9	17.7	17.3	4.0	649.2	329.9	0.1	22.9	72.3

BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
BY TEMP MEANS TEMPERATURE CO VINE HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 353
 OKLAHOMA CITY, OKLAHOMA

 19 APRIL 1979
 1705 GMT

TIME MIN	CHPT	WEIGHT GMS	WGT KG	TEMP DEG C	DEW PT DEG C	OIR DEG C	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WR STD G/MKG	RM PCT	RANGE KM	AZ DEG
300	1007	302.0	957.3	12.2	11.1	140.0	11.3	-7.1	9.7	290.9	311.5	9.7	93.0	0.0	0.0
303	3209	99.9	1070.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
309	3209	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
002	1103	453.3	950.0	11.5	10.4	141.9	13.8	-8.5	10.9	288.5	310.4	8.4	92.0	0.0	0.0
103	1303	678.1	925.3	12.0	9.1	148.9	15.3	-7.9	13.1	299.5	310.0	7.0	94.0	0.0	0.0
103	1303	907.4	905.0	12.1	9.2	144.5	14.5	-4.8	17.8	291.9	313.4	8.2	94.0	1.7	327.0
203	1703	1143.3	975.0	11.9	11.9	189.4	17.1	1.6	17.0	290.1	321.4	9.5	94.5	2.4	337.0
304	1904	1306.2	950.0	10.7	9.3	192.0	15.4	3.2	15.0	297.4	319.3	8.1	95.9	3.1	345.0
402	2106	1435.1	925.0	9.4	5.3	191.1	15.5	3.0	15.3	298.6	318.4	7.3	97.7	3.9	351.0
502	2304	1493.9	905.0	7.0	4.4	191.4	14.5	3.3	16.2	298.6	316.7	6.6	93.6	4.5	354.0
503	2507	2132.0	775.0	9.6	-17.2	191.6	17.0	3.4	16.7	303.1	307.0	1.3	14.2	5.4	357.0
603	2304	2421.7	755.0	0.2	-14.4	193.6	16.5	3.9	16.1	303.3	309.4	1.7	21.1	6.3	353.0
709	3307	2659.2	725.0	3.8	-13.2	196.2	14.4	4.6	15.7	304.5	309.2	1.9	27.9	7.2	3.0
807	3301	2981.7	705.0	1.3	-13.2	200.0	17.3	5.9	14.6	304.0	310.1	2.0	34.9	8.2	3.0
903	3504	3273.7	675.0	0.1	-24.5	210.7	16.9	6.5	14.6	305.2	308.3	0.9	13.9	9.2	5.0
1004	3301	3374.4	652.0	-2.2	-24.5	214.3	14.3	11.6	14.3	305.5	309.5	0.6	12.2	10.2	9.0
1203	4307	3894.9	625.0	-4.1	-31.7	222.6	22.2	15.0	14.3	307.9	309.2	7.4	9.4	11.3	12.0
1301	4303	4205.2	600.0	-5.4	-35.1	226.1	24.5	17.6	17.0	308.7	309.6	6.2	5.9	12.6	16.0
1402	4701	4436.4	574.0	-8.2	-42.7	229.9	25.1	16.4	19.0	310.4	310.9	0.2	4.2	14.2	19.0
1505	4709	4605.3	559.0	-17.1	-45.7	215.9	25.5	15.0	20.7	312.1	312.3	0.0	1.1	15.3	21.0
1507	5103	5236.6	525.0	-13.1	-42.9	215.5	27.5	15.4	22.4	312.7	313.3	0.2	5.1	17.7	23.0
1703	5400	5605.0	500.0	-14.2	-41.5	214.3	34.6	17.2	25.2	315.3	314.3	7.2	7.1	17.9	24.0
1903	5901	5793.7	475.0	-19.0	-42.0	214.9	31.0	17.8	24.4	314.5	314.5	0.0	1.0	22.0	25.0
2103	5104	4300.3	450.0	-22.0	-51.1	215.9	32.6	19.1	26.4	315.6	315.9	3.1	4.2	24.4	26.0
2109	6404	6477.4	425.0	-22.0	-51.1	219.2	33.4	21.1	25.0	315.7	316.0	0.1	6.3	25.5	27.0
2300	6903	7243.4	400.0	-24.3	-53.4	219.2	33.4	21.1	25.0	315.7	316.0	0.1	6.3	25.5	27.0
2405	7200	7730.6	375.0	-37.3	-53.5	218.6	34.4	24.0	30.9	316.5	317.2	7.1	7.5	29.5	29.0
2503	7509	8121.3	350.0	-37.4	-59.9	217.9	34.8	23.7	27.5	317.5	317.7	0.0	9.1	33.4	30.0
2501	9004	8487.4	325.0	-42.1	-59.9	222.4	34.9	23.4	25.4	318.7	318.4	7.3	4.5	34.5	31.0
2604	9404	9224.0	300.0	-46.9	-59.9	223.7	34.9	25.5	24.7	319.3	319.9	99.9	99.9	40.9	32.0
3103	9504	9755.2	275.0	-51.3	-59.9	224.9	44.1	32.5	24.7	321.0	319.9	99.9	99.9	44.4	33.0
3402	9304	10412.0	250.0	-52.1	-59.9	231.5	53.5	41.1	32.7	328.6	319.9	99.9	99.9	54.5	36.0
3503	9300	11049.4	225.0	-55.2	-59.9	234.1	47.2	38.2	27.7	334.0	319.9	99.9	99.9	63.2	35.0
3903	10004	11547.7	202.0	-56.4	-59.9	226.9	51.8	37.6	35.4	343.5	319.9	99.9	99.9	70.5	39.0
4204	11004	12487.9	175.0	-54.7	-59.9	235.1	47.4	38.1	26.6	359.7	319.9	99.9	99.9	81.3	40.0
4307	1100	13511.3	153.0	-55.2	-59.9	234.9	37.6	30.9	21.7	373.3	319.9	99.9	99.9	97.4	41.0
4703	12003	14473.4	125.0	-55.4	-59.9	225.0	41.7	32.0	25.7	384.6	319.9	99.9	99.9	95.5	42.0
5007	13005	14227.7	100.0	-57.7	-59.9	249.9	26.4	27.6	10.1	416.2	319.9	99.9	99.9	107.5	43.0
5003	1420	1925.1	75.0	-41.1	-43.0	257.4	19.9	19.4	4.3	444.8	319.9	99.9	99.9	115.1	44.0
5403	15207	2062.4	57.0	-55.4	-59.9	267.0	21.4	21.3	1.1	509.7	319.9	99.9	99.9	127.3	46.0
3104	10304	24704.9	25.0	-46.6	-59.9	259.3	3.1	8.0	1.5	459.6	319.9	99.9	99.9	135.3	49.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE ON TIME PAVE WHEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA
10 APRIL 1979
2005 GMT

TIME MID	CNTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX PTD G/KG	DN PCT	RANGE KM	AZ DG
300	1300	302.0	952.0	14.4	11.0	120.0	9.4	-6.5	4.9	201.5	314.3	9.7	90.0	0.0	0-
309	930	99.9	1000.0	98.5	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
310	930	99.9	975.0	98.0	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
311	930	99.9	950.0	13.0	10.7	132.1	11.1	-6.2	7.4	200.4	312.7	9.5	90.0	0.3	330
312	1301	617.3	925.0	11.9	10.5	127.8	10.1	-6.0	6.2	201.5	315.6	9.3	90.0	0.5	330
313	1301	617.3	925.0	11.9	10.5	127.8	10.1	-6.0	6.2	201.5	315.6	9.3	90.0	0.5	330
314	1302	471.5	925.0	10.2	10.2	136.4	12.0	-6.3	9.7	202.7	314.7	9.7	90.0	1.2	330
315	1302	471.5	925.0	10.2	10.2	136.4	12.0	-6.3	9.7	202.7	314.7	9.7	90.0	1.2	330
316	1303	1104.4	875.0	10.1	10.2	161.7	14.7	-6.4	14.0	204.5	319.4	9.0	90.0	1.9	315
317	1303	1104.4	875.0	10.1	10.2	161.7	14.7	-6.4	14.0	204.5	319.4	9.0	90.0	1.9	315
318	1304	1369.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
319	1304	1369.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
320	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
321	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
322	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
323	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
324	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
325	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
326	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
327	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
328	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
329	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
330	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
331	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
332	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
333	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
334	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
335	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
336	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
337	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
338	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
339	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
340	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
341	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
342	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
343	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
344	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
345	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
346	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
347	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
348	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
349	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
350	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
351	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
352	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320
353	2105	1539.3	825.0	10.2	10.1	175.2	15.3	-6.5	15.3	208.2	325.7	10.0	90.0	2.7	320

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE 20 TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

11 APRIL 1979
400 GMT

TIME MIN	CATCY	HEIGHT GPM	REFS NO	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ SFC CM/KG	WZ PCP	110 1000 0 WZ WZ	00
300	11.9	3920.0	969.2	13.6	12.3	110.0	7.7	-7.2	2.4	281.2	314.3	9.5	72.0	2.0	0.
310	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
320	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
330	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
340	13.7	611.7	925.0	14.4	12.4	147.7	14.7	-7.9	12.4	294.4	320.3	9.9	85.2	0.4	32.2
350	15.4	924.5	971.2	15.1	11.9	160.9	13.3	-4.4	12.4	297.3	321.6	9.2	75.4	1.3	21.9
360	17.9	1073.2	875.0	14.2	11.8	177.5	17.2	-0.8	17.2	298.4	325.4	10.0	95.5	1.9	33.1
370	23.1	1318.2	853.0	13.2	11.5	186.7	22.5	2.4	22.4	300.3	328.3	17.3	42.7	2.9	34.2
380	22.3	1477.4	825.0	13.3	9.1	195.5	23.8	2.4	23.8	302.6	334.5	9.3	71.1	4.7	35.1
390	24.5	1429.5	825.0	13.0	4.4	212.4	20.0	10.7	15.9	305.6	323.4	5.6	55.2	5.2	35.2
400	24.2	2095.5	775.0	16.7	-1.2	225.9	17.4	12.3	12.3	305.2	319.4	4.6	44.7	5.0	5.
410	24.2	2157.7	750.0	8.4	-2.3	229.4	17.1	13.9	11.0	305.7	319.2	4.3	45.9	5.9	11.
420	24.2	2666.6	725.0	9.7	-3.5	230.8	18.0	15.4	11.3	305.7	319.2	3.5	44.7	7.5	15.
430	34.6	2532.5	700.0	3.4	-11.3	230.4	20.0	15.4	12.7	305.8	313.6	2.3	32.0	7.3	13.
440	34.6	3226.4	675.0	1.2	-17.3	226.3	22.9	17.3	18.9	307.1	313.6	2.1	31.2	7.2	23.
450	33.6	3429.2	650.0	-1.1	-11.4	226.4	26.9	19.2	18.9	307.7	315.2	2.5	45.4	13.5	25.
460	41.4	3441.0	625.0	-2.2	-12.6	226.3	29.5	21.4	22.4	308.2	315.0	2.3	49.3	12.1	29.
470	44.3	4142.4	550.0	-6.0	-14.7	226.2	32.0	24.2	26.9	309.2	317.4	2.3	53.2	13.9	31.
480	49.7	4404.3	525.0	-8.2	-15.7	230.4	36.1	27.9	23.0	309.2	315.2	1.9	59.3	15.6	33.
490	53.4	4906.3	500.0	-12.3	-15.1	235.1	41.5	34.1	23.7	309.4	315.2	2.0	73.1	17.7	34.
500	55.1	5100.0	475.0	-14.3	-17.1	236.1	46.4	39.2	24.4	309.7	315.4	1.7	87.8	20.1	41.
510	55.7	5347.3	450.0	-16.7	-17.6	236.3	48.4	32.3	25.7	312.7	319.6	1.9	91.7	20.3	43.
520	53.1	5341.3	425.0	-19.1	-19.6	226.9	50.4	28.0	25.7	314.7	319.6	1.7	95.7	20.7	43.
530	61.2	6342.5	400.0	-21.6	-23.5	222.1	50.6	20.5	22.7	314.2	320.3	1.3	94.1	37.3	47.
540	64.4	6761.1	425.0	-25.1	-25.5	212.4	51.4	16.9	26.6	314.6	320.2	1.0	94.2	37.1	42.
550	67.4	7190.4	425.0	-29.4	-27.9	209.3	52.4	17.3	34.9	317.6	320.1	0.7	93.2	42.4	41.
560	74.6	7654.9	375.0	-32.8	-29.0	212.4	52.4	18.9	32.9	318.2	319.9	0.5	72.4	47.	47.
570	74.6	8133.7	350.0	-36.1	-32.2	206.7	54.2	26.6	40.1	320.3	321.2	0.3	57.5	55.7	30.
580	74.6	8511.3	325.0	-37.3	-34.9	202.4	56.2	13.4	30.5	322.5	321.2	0.3	47.9	55.4	39.
590	82.0	8774.5	300.0	-40.7	-39.9	202.9	58.2	19.7	40.8	323.4	323.6	0.3	47.9	55.4	39.
600	82.0	9074.9	275.0	-43.2	-39.9	202.9	60.2	16.6	37.0	324.9	323.6	0.3	47.9	55.4	39.
610	82.0	9374.9	250.0	-45.6	-39.9	202.9	62.2	15.3	35.0	325.1	323.6	0.3	47.9	55.4	39.
620	82.0	9674.9	225.0	-48.0	-39.9	202.9	64.2	14.0	32.1	325.1	323.6	0.3	47.9	55.4	39.
630	82.0	9974.9	200.0	-50.4	-39.9	202.9	66.2	12.7	29.1	325.1	323.6	0.3	47.9	55.4	39.
640	82.0	10274.9	175.0	-52.8	-39.9	202.9	68.2	11.4	26.0	325.1	323.6	0.3	47.9	55.4	39.
650	82.0	10574.9	150.0	-55.2	-39.9	202.9	70.2	10.1	23.0	325.1	323.6	0.3	47.9	55.4	39.
660	82.0	10874.9	125.0	-57.6	-39.9	202.9	72.2	8.8	20.0	325.1	323.6	0.3	47.9	55.4	39.
670	82.0	11174.9	100.0	-60.0	-39.9	202.9	74.2	7.5	17.0	325.1	323.6	0.3	47.9	55.4	39.
680	82.0	11474.9	75.0	-62.4	-39.9	202.9	76.2	6.2	14.0	325.1	323.6	0.3	47.9	55.4	39.
690	82.0	11774.9	50.0	-64.8	-39.9	202.9	78.2	4.9	11.0	325.1	323.6	0.3	47.9	55.4	39.
700	82.0	12074.9	25.0	-67.2	-39.9	202.9	80.2	3.6	8.0	325.1	323.6	0.3	47.9	55.4	39.
710	82.0	12374.9	0.0	-69.6	-39.9	202.9	82.2	2.3	5.0	325.1	323.6	0.3	47.9	55.4	39.
720	82.0	12674.9	0.0	-72.0	-39.9	202.9	84.2	1.0	2.0	325.1	323.6	0.3	47.9	55.4	39.
730	82.0	12974.9	0.0	-74.4	-39.9	202.9	86.2	0.7	0.7	325.1	323.6	0.3	47.9	55.4	39.
740	82.0	13274.9	0.0	-76.8	-39.9	202.9	88.2	0.4	0.4	325.1	323.6	0.3	47.9	55.4	39.
750	82.0	13574.9	0.0	-79.2	-39.9	202.9	90.2	0.1	0.1	325.1	323.6	0.3	47.9	55.4	39.
760	82.0	13874.9	0.0	-81.6	-39.9	202.9	92.2	0.0	0.0	325.1	323.6	0.3	47.9	55.4	39.
770	82.0	14174.9	0.0	-84.0	-39.9	202.9	94.2	0.0	0.0	325.1	323.6	0.3	47.9	55.4	39.
780	82.0	14474.9	0.0	-86.4	-39.9	202.9	96.2	0.0	0.0	325.1	323.6	0.3	47.9	55.4	39.
790	82.0	14774.9	0.0	-88.8	-39.9	202.9	98.2	0.0	0.0	325.1	323.6	0.3	47.9	55.4	39.
800	82.0	15074.9	0.0	-91.2	-39.9	202.9	100.2	0.0	0.0	325.1	323.6	0.3	47.9	55.4	39.

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG

1 BY TEMP MEANS TEMPERATURE OR TEMP HAVE BEEN INTERPOLATED

2 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA11 APRIL 1979
1105 GMT

TIME MIN.	CATCY	WEIGHT GMM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	WIND G/M/SEC	WIND M/SEC	100 M	200 M	0
300	1103	302.0	948.2	15.0	12.9	150.0	3.6	-1.0	3.1	232.6	318.4	9.9	9.9	97.0	9.2	0
301	99.9	99.9	1502.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
302	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
303	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
304	130.3	652.6	925.0	15.7	5.4	213.3	13.6	8.6	13.0	295.4	312.2	6.2	6.2	50.9	0.5	23
305	15.5	1075.1	970.0	15.7	-3.1	213.7	18.8	10.5	15.7	297.7	307.3	3.4	3.4	27.1	1.4	32
306	17.9	1073.5	975.0	15.6	-5.7	205.9	17.7	7.7	15.9	299.0	307.3	2.0	2.0	24.1	2.4	31
307	17.9	1317.8	950.0	13.7	-9.3	207.6	15.4	6.7	15.6	303.5	307.6	2.4	2.4	20.8	3.4	29
308	22.5	1565.5	925.0	12.3	-11.0	217.9	14.4	6.8	11.4	301.4	307.6	2.0	2.0	19.5	4.1	30
309	22.5	1425.1	925.0	12.3	-12.4	220.8	16.3	10.7	12.4	301.4	307.6	1.9	1.9	19.1	5.1	32
310	22.5	2357.6	775.0	7.5	-11.9	224.2	17.3	12.0	12.4	301.4	307.6	2.0	2.0	23.7	6.1	33
311	22.5	2356.7	750.0	9.3	-11.6	222.9	17.4	11.8	12.8	302.3	308.6	2.1	2.1	24.4	7.1	35
312	31.9	2532.3	725.0	2.7	-7.6	218.1	20.0	12.3	15.7	302.4	309.9	2.5	2.5	30.8	8.2	34
313	34.3	2915.1	700.0	0.2	-9.1	216.3	21.0	12.4	15.9	302.7	310.8	2.7	2.7	40.5	7.4	36
314	34.3	3205.7	675.0	-1.9	-8.6	215.3	23.1	13.4	18.9	303.6	315.2	4.0	4.0	41.8	10.7	36
315	34.3	3566.2	650.0	-2.5	-8.2	212.3	31.5	16.9	28.7	306.1	318.6	4.3	4.3	50.3	12.3	36
316	42.1	3174.1	625.0	-3.5	-9.1	209.6	38.7	19.1	34.7	309.5	319.3	3.3	3.3	70.2	14.3	35
317	44.9	4179.5	600.0	-6.3	-11.7	205.9	40.5	18.4	36.1	308.8	316.7	2.4	2.4	54.8	17.1	34
318	47.4	4473.1	575.0	-8.7	-17.7	205.7	42.1	18.3	37.9	309.6	315.0	1.7	1.7	49.5	25.1	33
319	50.3	4134.4	550.0	-13.9	-21.7	204.6	44.9	18.7	40.9	311.3	315.2	1.2	1.2	32.9	23.5	32
320	53.3	5170.2	525.0	-12.2	-27.0	204.2	45.8	18.8	41.8	317.7	315.3	0.4	0.4	15.7	27.2	31
321	53.3	5500.5	500.0	-15.6	-35.4	205.7	46.7	21.6	44.7	314.0	315.2	0.3	0.3	14.9	21.0	30
322	53.3	5927.1	475.0	-16.7	-39.5	205.8	46.2	23.6	46.9	317.2	315.2	0.3	0.3	11.7	24.9	30
323	53.3	5339.5	450.0	-20.1	-41.2	204.0	46.5	24.6	50.3	317.9	314.3	0.2	0.2	13.2	37.3	29
324	53.3	4710.3	425.0	-24.0	-46.4	202.4	50.5	22.9	54.9	314.2	314.8	0.2	0.2	13.1	45.2	29
325	53.3	4730.7	400.0	-27.6	-46.8	202.8	50.0	22.5	53.5	318.7	319.2	0.1	0.1	14.7	53.0	29
326	72.4	5490.4	375.0	-31.5	-43.1	199.7	44.7	14.3	42.3	319.9	320.4	0.1	0.1	15.5	53.2	27
327	72.4	5134.7	350.0	-34.9	-42.4	201.0	48.1	24.4	43.6	321.4	322.1	0.1	0.1	14.7	62.7	26
328	72.4	5647.6	325.0	-38.0	-45.9	197.8	42.1	12.9	48.1	322.9	323.1	0.1	0.1	14.7	69.5	26
329	63.4	9181.3	300.0	-47.4	-49.9	194.2	50.6	16.4	50.3	324.1	324.1	0.1	0.1	14.7	72.5	25
330	53.3	9772.5	275.0	-47.4	-49.9	194.3	50.1	19.3	50.3	324.1	324.1	0.1	0.1	14.7	72.5	25
331	53.3	10307.0	250.0	-52.0	-49.9	203.7	65.9	24.7	54.3	324.1	324.1	0.1	0.1	14.7	72.5	25
332	53.3	11073.5	225.0	-52.5	-49.9	202.5	69.8	26.7	54.3	324.1	324.1	0.1	0.1	14.7	72.5	25
333	53.3	11111.4	200.0	-52.5	-49.9	202.5	69.8	26.7	54.3	324.1	324.1	0.1	0.1	14.7	72.5	25
334	121.4	11111.4	175.0	-52.5	-49.9	202.5	69.8	26.7	54.3	324.1	324.1	0.1	0.1	14.7	72.5	25
335	121.4	12412.4	150.0	-52.5	-49.9	202.5	69.8	26.7	54.3	324.1	324.1	0.1	0.1	14.7	72.5	25
336	112.9	13531.9	125.0	-52.5	-49.9	202.5	69.8	26.7	54.3	324.1	324.1	0.1	0.1	14.7	72.5	25
337	112.9	14773.9	100.0	-52.5	-49.9	202.5	69.8	26.7	54.3	324.1	324.1	0.1	0.1	14.7	72.5	25
338	125.7	14191.2	75.0	-52.5	-49.9	190.5	69.8	26.7	54.3	324.1	324.1	0.1	0.1	14.7	72.5	25
339	135.7	17302.7	50.0	-52.5	-49.9	130.1	61.9	0.4	52.8	430.8	430.8	0.1	0.1	14.7	72.5	25
340	144.5	23540.9	25.0	-52.5	-49.9	4.3	60.9	-0.3	-0.7	506.8	506.8	0.1	0.1	14.7	72.5	25
341	144.5	23540.9	25.0	-52.5	-49.9	4.3	60.9	-0.3	-0.7	506.8	506.8	0.1	0.1	14.7	72.5	25

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 17 DEG
BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
BY SLOPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

10 APRIL 1979
1100 GMT

TIME MIN	CNCT	HEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WIND GPH	DIR PCT	RANGE KM	AZ DG
30.3	17.3	1004.0	874.9	13.9	7.2	150.0	1.3	0.0	11.3	299.3	318.3	7.3	64.0	30.0	0.
30.9	32.9	984.9	1000.0	99.9	59.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.3	33.3	984.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.9	33.9	984.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.3	34.3	984.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.9	34.9	984.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.3	35.3	984.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	35.9	984.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.3	36.3	984.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.9	36.9	984.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.3	37.3	984.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.9	37.9	984.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.3	38.3	984.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.9	38.9	984.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.3	39.3	984.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.9	39.9	984.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.3	40.3	984.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.9	40.9	984.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.3	41.3	984.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.9	41.9	984.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.3	42.3	984.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.9	42.9	984.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41.3	43.3	984.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41.9	43.9	984.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.3	44.3	984.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.9	44.9	984.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.3	45.3	984.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.9	45.9	984.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44.3	46.3	984.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44.9	46.9	984.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.3	47.3	984.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.9	47.9	984.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.3	48.3	984.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.9	48.9	984.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.3	49.3	984.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.9	49.9	984.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.3	50.3	984.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.9	50.9	984.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.3	51.3	984.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.9	51.9	984.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.3	52.3	984.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	52.9	984.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51.3	53.3	984.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51.9	53.9	984.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.3	54.3	984.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.9	54.9	984.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
53.3	55.3	984.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
53.9	55.9	984.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54.3	56.3	984.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54.9	56.9	984.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
55.3	57.3	984.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
55.9	57.9	984.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
56.3	58.3	984.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
56.9	58.9	984.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMPERATURE MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

10 APRIL 1979
2000 GMT

TIME 414	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	W/SEC M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MIN RTO CM/SEC	PH DEG	RANGE KM	101 101	101 101	0 0
0.3	100.9	1094.0	870.0	10.6	4.5	230.0	8.2	6.3	5.3	293.3	311.9	6.1	56.9	0.0	0.0	0.0	0.0
0.9	92.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	92.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	92.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	92.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	92.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.9	92.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	13.5	1207.9	850.0	10.0	0.9	234.7	14.8	12.1	9.5	296.6	309.9	4.9	51.1	0.0	0.0	0.0	0.0
1.4	23.4	1535.5	825.0	9.9	-1.4	232.6	15.3	12.2	9.3	298.0	310.9	4.6	51.1	0.0	0.0	0.0	0.0
2.7	21.2	1727.6	800.0	6.9	-1.4	214.8	15.9	9.1	13.1	298.4	310.9	4.3	51.1	0.0	0.0	0.0	0.0
3.9	25.5	2540.8	775.0	4.0	-2.9	190.2	20.6	6.8	19.5	299.3	310.9	4.0	51.1	0.0	0.0	0.0	0.0
4.2	27.6	2310.9	750.0	4.0	-2.9	190.2	20.6	6.8	19.5	299.3	310.9	4.0	51.1	0.0	0.0	0.0	0.0
4.7	30.2	2591.7	725.0	1.7	-3.9	204.9	27.7	11.7	25.1	301.3	311.5	3.7	51.1	0.0	0.0	0.0	0.0
5.3	32.6	2473.9	700.0	-0.9	-3.2	212.5	25.2	13.5	21.3	301.5	311.5	3.3	51.1	0.0	0.0	0.0	0.0
5.7	33.1	3152.0	675.0	-3.2	-3.2	216.0	25.0	13.5	20.2	302.1	311.5	3.1	51.1	0.0	0.0	0.0	0.0
6.3	37.5	3460.7	650.0	-5.7	-5.7	222.6	27.0	18.3	19.9	302.5	311.5	2.9	51.1	0.0	0.0	0.0	0.0
6.1	43.2	3770.9	625.0	-8.5	-13.2	225.7	26.1	18.6	19.2	302.5	311.5	2.9	51.1	0.0	0.0	0.0	0.0
9.3	42.3	4082.2	600.0	-11.0	-11.1	217.7	27.3	16.7	21.6	303.4	311.5	2.7	51.1	0.0	0.0	0.0	0.0
9.5	45.4	4408.9	575.0	-12.0	-12.3	206.7	26.0	16.7	21.6	303.4	311.5	2.7	51.1	0.0	0.0	0.0	0.0
13.5	49.1	4747.9	550.0	-14.1	-14.7	202.6	26.4	16.9	25.2	307.4	312.6	2.5	51.1	0.0	0.0	0.0	0.0
12.3	53.3	5090.5	525.0	-16.2	-17.2	192.2	27.1	18.9	25.6	308.9	312.6	2.2	51.1	0.0	0.0	0.0	0.0
17.2	53.8	5465.5	500.0	-18.6	-19.7	195.4	28.1	7.9	27.1	310.4	312.6	1.9	51.1	0.0	0.0	0.0	0.0
13.4	50.9	5486.7	475.0	-21.0	-22.4	192.4	28.3	6.1	27.7	312.0	312.6	1.6	51.1	0.0	0.0	0.0	0.0
15.5	59.9	5246.3	450.0	-23.6	-25.3	199.5	28.0	4.6	27.6	313.5	312.6	1.3	51.1	0.0	0.0	0.0	0.0
10.6	52.9	4659.7	425.0	-24.8	-26.8	173.5	24.7	-1.1	24.7	313.5	312.6	1.1	51.1	0.0	0.0	0.0	0.0
17.5	55.1	7098.5	400.0	-29.9	-32.1	173.5	24.7	-1.1	24.7	313.5	312.6	0.8	51.1	0.0	0.0	0.0	0.0
13.5	54.4	7531.1	375.0	-37.6	-39.5	166.9	23.9	-3.1	25.4	316.1	312.6	0.6	51.1	0.0	0.0	0.0	0.0
19.5	72.9	9031.1	350.0	-37.6	-39.5	166.9	23.9	-3.1	25.4	316.1	312.6	0.6	51.1	0.0	0.0	0.0	0.0
23.9	75.4	9336.6	325.0	-41.0	-43.9	177.8	29.4	-1.1	29.4	320.2	312.6	0.3	51.1	0.0	0.0	0.0	0.0
23.2	93.2	9779.2	300.0	-44.4	-46.4	192.4	37.2	8.0	35.3	322.2	312.6	0.3	51.1	0.0	0.0	0.0	0.0
23.5	94.7	9455.5	275.0	-46.4	-48.4	201.2	38.3	15.3	35.7	328.0	312.6	0.3	51.1	0.0	0.0	0.0	0.0
25.1	34.2	13295.3	250.0	-50.1	-52.1	207.2	44.4	20.3	35.7	328.0	312.6	0.3	51.1	0.0	0.0	0.0	0.0
27.3	34.5	13067.3	225.0	-54.2	-56.2	213.0	48.6	26.5	40.8	335.5	312.6	0.3	51.1	0.0	0.0	0.0	0.0
28.2	37.2	11726.3	200.0	-58.9	-60.9	219.0	41.3	26.0	40.8	335.5	312.6	0.3	51.1	0.0	0.0	0.0	0.0
31.2	102.2	12576.7	175.0	-53.3	-55.3	224.6	39.3	27.6	32.1	347.4	312.6	0.3	51.1	0.0	0.0	0.0	0.0
33.7	107.9	13556.7	150.0	-54.5	-56.5	240.1	32.1	27.8	29.0	351.4	312.6	0.3	51.1	0.0	0.0	0.0	0.0
35.9	113.8	14726.9	125.0	-57.2	-59.2	228.1	25.2	18.6	16.0	375.8	312.6	0.3	51.1	0.0	0.0	0.0	0.0
43.2	120.9	16140.5	100.0	-57.6	-59.6	228.1	22.9	17.1	15.3	416.4	312.6	0.3	51.1	0.0	0.0	0.0	0.0
46.2	123.3	17335.9	75.0	-57.5	-59.5	228.1	22.2	20.1	9.4	431.7	312.6	0.3	51.1	0.0	0.0	0.0	0.0
49.5	134.7	24600.9	50.0	-52.5	-54.5	250.3	10.4	10.2	1.9	505.6	312.6	0.3	51.1	0.0	0.0	0.0	0.0
57.3	152.3	26715.3	25.0	-49.7	-51.7	251.0	14.2	14.0	2.2	641.0	312.6	0.3	51.1	0.0	0.0	0.0	0.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

4 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

00 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

10 APRIL 1979
2300 GMT

TIME MIN	CNTCT	WEIGHT GPM	PRES MB	TEMP DEG C	DIR DEG C	DIR DEG	SHLD M/SEC	U COMP M/SEC	V COMP M/SEC	MOY T DEG K	E POT T DEG K	WX 473 CM/KG	MM PCT	PAYGE KN	AZ DG
00	18.3	1094.0	859.7	16.1	7.3	230.0	1.29	9.9	8.3	301.1	313.8	4.5	34.0	0.0	00
09.9	92.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	975.0	99.9	92.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	92.9	953.0	99.9	92.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	925.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	935.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	875.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	850.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	825.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	800.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	775.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	750.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	725.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	700.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	675.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	650.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	625.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	600.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	575.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	550.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	525.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	500.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	475.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	450.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	425.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	400.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	375.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	350.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	325.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	300.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	275.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	250.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	225.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	200.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	175.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	150.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	125.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	100.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	75.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	50.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	25.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	92.9	99.9	0.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS11 APRIL 1979
500 GMT

TIME MIN	CUTCY	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MAX RTG G4/KG	RM PCT	WIND KPH	AZ DEG
303	17.9	1094.0	475.6	7.4	1.3	230.0	9.3	7.1	6.7	291.9	305.0	4.8	55.0	0.0	0.0
304	99.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
305	99.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
306	99.0	99.0	950.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
307	99.0	99.0	925.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
308	99.0	99.0	900.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
309	99.0	99.0	875.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
310	19.4	1292.1	850.0	9.4	-1.2	243.7	18.4	16.5	14.2	295.1	304.5	3.3	51.4	0.9	5.8
311	22.3	1539.6	825.0	7.7	-4.5	243.0	23.0	22.2	10.4	296.7	304.1	3.3	41.7	2.2	4.1
312	24.8	1791.5	800.0	6.1	-7.9	243.7	24.3	22.2	11.0	297.6	305.2	2.6	35.8	1.7	4.2
313	27.3	2050.4	775.0	3.9	-12.1	246.0	22.4	20.7	9.2	298.0	304.7	2.3	35.2	5.2	4.7
314	24.8	2315.9	750.0	2.0	-11.4	246.7	20.5	18.9	9.5	298.0	304.7	2.1	35.3	6.6	5.8
315	32.4	2586.7	725.0	0.9	-15.4	248.0	18.4	15.9	9.2	300.2	305.1	1.4	28.5	9.1	4.4
316	35.1	2846.4	700.0	-1.2	-19.3	236.9	31.5	17.7	12.4	301.2	305.1	1.3	25.7	7.3	5.1
317	37.4	3158.4	675.0	-2.6	-21.7	234.3	31.5	25.7	19.5	301.6	304.7	1.0	22.9	11.0	5.1
318	42.4	3453.4	650.0	-5.5	-25.4	231.9	32.9	25.4	20.2	302.7	305.1	0.7	19.0	13.0	5.0
319	43.3	3751.2	625.0	-8.9	-29.1	229.6	33.4	25.4	21.7	302.7	305.1	0.6	15.7	14.3	5.0
320	49.1	4074.7	600.0	-10.0	-35.0	222.8	36.6	24.9	24.9	304.4	305.6	0.3	7.7	17.5	5.7
321	49.0	4372.2	575.0	-12.4	-27.9	215.9	38.3	22.5	31.4	305.3	307.5	0.7	23.5	23.1	5.5
322	52.0	4700.3	550.0	-15.2	-27.9	211.2	45.3	23.6	34.9	305.1	307.5	0.7	32.7	22.5	5.2
323	55.1	5000.5	525.0	-16.1	-25.6	205.0	44.0	18.6	39.4	306.7	307.5	0.9	47.2	25.7	4.9
324	59.3	5453.1	500.0	-21.1	-33.2	202.9	42.7	16.6	19.4	307.3	307.5	0.7	32.2	29.4	4.7
325	51.4	5830.0	475.0	-23.0	-43.6	208.1	45.3	21.5	40.4	308.2	307.5	0.7	15.4	31.3	4.4
326	64.9	6222.2	450.0	-27.0	-47.7	213.7	50.1	27.4	41.7	309.3	309.7	0.1	12.0	35.7	4.7
327	69.1	6671.7	425.0	-30.0	-49.7	211.0	43.4	22.4	37.2	310.6	310.9	0.1	12.6	32.5	4.2
328	71.7	7061.1	400.0	-32.1	-50.7	210.7	50.5	25.2	43.4	310.6	310.9	0.1	12.6	32.5	4.2
329	75.1	7511.2	375.0	-37.2	-50.0	207.4	54.3	25.9	49.2	312.4	312.8	0.1	15.0	43.3	4.1
330	79.1	7948.0	350.0	-40.7	-50.0	207.4	54.3	25.9	49.2	312.4	312.8	0.1	15.0	43.3	4.1
331	83.2	8485.9	325.0	-43.3	-50.0	211.6	57.3	29.9	45.4	313.0	313.0	0.9	29.7	53.7	3.8
332	97.2	9021.4	300.0	-45.1	-50.0	210.9	67.3	34.7	37.2	320.4	313.0	0.9	29.7	53.7	3.8
333	91.5	9556.4	275.0	-45.0	-50.0	210.3	35.0	17.7	37.2	325.9	313.0	0.9	29.7	53.7	3.8
334	95.2	10224.9	250.0	-45.3	-50.0	220.7	59.3	38.5	44.9	334.2	313.0	0.9	29.7	53.7	3.8
335	131.0	10915.1	225.0	-47.4	-50.0	223.5	48.1	33.1	34.9	342.6	313.0	0.9	29.7	53.7	3.8
336	136.3	11685.3	200.0	-50.0	-50.0	221.9	51.0	48.4	15.9	343.6	313.0	0.9	29.7	53.7	3.8
337	112.0	12579.3	175.0	-45.7	-50.0	127.7	21.3	-17.2	13.3	343.6	313.0	0.9	29.7	53.7	3.8
338	119.1	13507.7	150.0	-50.9	-50.0	226.3	33.0	23.4	23.2	342.5	313.0	0.9	29.7	53.7	3.8
339	125.3	14731.4	125.0	-57.0	-50.0	195.4	19.7	-19.4	5.2	341.8	313.0	0.9	29.7	53.7	3.8
340	133.3	15136.3	100.0	-57.5	-50.0	175.0	36.3	-3.1	35.9	416.6	313.0	0.9	29.7	53.7	3.8
341	142.3	17071.4	75.0	-58.4	-50.0	166.5	27.7	-6.5	27.0	456.0	313.0	0.9	29.7	53.7	3.8
342	152.3	23509.9	50.0	-55.8	-50.0	280.7	25.3	24.3	-9.7	502.7	313.0	0.9	29.7	53.7	3.8
343	162.3	24939.5	25.0	-53.9	-50.0	99.0	99.0	99.0	99.0	630.0	313.0	0.9	29.7	53.7	3.8

* BY SPOT MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO10 APRIL 1979
1100 GMT

120 04. 0														
TIME	CHTCY	WEIGHT	PAGES	TEMP	DEW PT	DIR	SPEED	U COMP	V COMP	POT T	E POT T	WIND	WIND	WIND
MIN		GMS	NO	DEG C	DEG C	DEG	M/SEC	M/SEC	M/SEC	DEG K	DEG K	CM/SEC	KT	DEG
309	23.1	1010.0	920.0	7.0	2.7	240.0	10.3	8.9	5.2	297.2	312.9	5.7	70.0	0.0
310	23.2	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
311	23.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
312	23.4	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
313	23.5	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
314	23.6	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
315	23.7	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
316	23.8	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
317	23.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
318	24.0	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
319	24.1	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
320	24.2	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
321	24.3	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
322	24.4	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
323	24.5	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
324	24.6	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
325	24.7	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
326	24.8	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
327	24.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
328	25.0	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
329	25.1	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
330	25.2	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
331	25.3	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
332	25.4	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
333	25.5	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
334	25.6	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
335	25.7	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
336	25.8	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
337	25.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
338	26.0	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
339	26.1	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
340	26.2	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
341	26.3	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
342	26.4	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
343	26.5	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
344	26.6	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
345	26.7	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
346	26.8	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
347	26.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
348	27.0	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
349	27.1	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
350	27.2	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 365
M. MULFROU. NEW MEXICO

10 APRIL 1979
1700 GMT

TIME	CHCT	HEIGHT	WIND	TEMP	DEW	DIR	SPED	U COMP	V COMP	POT	E POT	MR STD	RM	RANGE
MIN		Feet	MB	DEG C	DEG F	DEG	MPH	M/SEC	M/SEC	OG M	DS M	GM/SEC	PCY	NM
000	246	10100	01005	702	261	240.0	11.3	9.8	5.7	2005.9	311.0	9.5	700	0.0
005	900	10000	10000	690	171.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
010	900	9750	07500	680	168.0	70.0	9.0	9.0	9.0	9.0	900.0	900	900	900
015	900	9500	05000	670	166.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
020	900	9250	02500	660	164.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
025	900	9000	00000	650	162.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
030	900	8750	07500	640	160.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
035	900	8500	05000	630	158.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
040	900	8250	02500	620	156.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
045	900	8000	00000	610	154.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
050	900	7750	07500	600	152.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
055	900	7500	05000	590	150.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
060	900	7250	02500	580	148.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
065	900	7000	00000	570	146.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
070	900	6750	07500	560	144.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
075	900	6500	05000	550	142.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
080	900	6250	02500	540	140.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
085	900	6000	00000	530	138.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
090	900	5750	07500	520	136.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
095	900	5500	05000	510	134.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
100	900	5250	02500	500	132.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
105	900	5000	00000	490	130.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
110	900	4750	07500	480	128.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
115	900	4500	05000	470	126.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
120	900	4250	02500	460	124.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
125	900	4000	00000	450	122.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
130	900	3750	07500	440	120.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
135	900	3500	05000	430	118.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
140	900	3250	02500	420	116.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
145	900	3000	00000	410	114.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
150	900	2750	07500	400	112.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
155	900	2500	05000	390	110.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
160	900	2250	02500	380	108.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
165	900	2000	00000	370	106.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
170	900	1750	07500	360	104.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
175	900	1500	05000	350	102.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
180	900	1250	02500	340	100.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
185	900	1000	00000	330	98.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
190	900	750	07500	320	96.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
195	900	500	05000	310	94.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
200	900	250	02500	300	92.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
205	900	0	00000	290	90.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
210	900			280	88.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
215	900			270	86.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
220	900			260	84.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
225	900			250	82.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
230	900			240	80.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
235	900			230	78.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
240	900			220	76.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
245	900			210	74.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
250	900			200	72.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
255	900			190	70.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
260	900			180	68.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
265	900			170	66.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
270	900			160	64.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
275	900			150	62.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
280	900			140	60.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
285	900			130	58.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
290	900			120	56.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
295	900			110	54.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
300	900			100	52.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
305	900			90	50.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
310	900			80	48.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
315	900			70	46.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
320	900			60	44.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
325	900			50	42.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
330	900			40	40.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
335	900			30	38.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
340	900			20	36.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
345	900			10	34.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
350	900			0	32.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
355	900				30.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
360	900				28.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
365	900				26.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
370	900				24.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
375	900				22.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
380	900				20.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
385	900				18.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
390	900				16.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
395	900				14.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
400	900				12.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
405	900				10.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
410	900				8.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
415	900				6.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
420	900				4.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
425	900				2.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
430	900				0.0	90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
435	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
440	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
445	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
450	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
455	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
460	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
465	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
470	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
475	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
480	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
485	900					90.0	9.0	9.0	9.0	9.0	900.0	900	900	900
490	900					90.0	9.0	9.0	9.0	9.0	900.0	900	90	

• BY SPEC MEANS: ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• BY TEMP & ANS: TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
• BY SPEC MEANS: ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

10 APRIL 1979
2000 GMT

136 20. 0

TIME MIN	CNTCT	WGTMT GPM	WRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTS GMS/KG	RM PCT	RANGE KM	AZ DEG
00.0	26.3	1619.0	917.0	6.7	1.8	220.0	5.1	3.3	3.9	296.5	311.2	5.4	71.2	90.3	0.
00.9	99.9	99.9	1705.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9
02.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9
03.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08.9	26.1	1797.2	800.0	4.6	-2.8	237.2	7.1	6.0	3.9	294.1	317.0	3.9	54.5	90.3	45.
09.9	25.7	2053.1	775.0	2.9	-4.2	253.4	10.8	10.4	3.1	294.8	317.0	3.6	59.8	90.3	57.
10.9	31.4	2319.5	750.0	0.5	-5.1	260.1	12.9	12.7	2.2	297.1	306.3	3.2	61.2	10.3	54.
11.9	36.7	2590.4	725.0	-2.2	-5.8	263.3	13.2	13.1	1.5	297.6	306.1	3.2	70.5	20.3	73.
12.9	30.7	2869.4	700.0	-4.4	-6.2	269.5	13.3	13.3	1.7	298.5	304.9	2.9	74.9	30.3	75.
13.9	34.4	3154.2	675.0	-6.4	-12.1	267.2	12.9	12.9	7.6	298.5	304.9	2.2	82.5	30.7	76.
14.9	42.2	3437.9	650.0	-8.6	-11.0	264.8	13.5	13.5	1.2	299.0	305.3	2.2	71.3	40.4	79.
15.9	43.1	3753.9	625.0	-10.7	-13.2	258.5	12.8	12.6	2.6	300.2	306.7	2.2	82.1	50.3	90.
16.9	49.7	4063.7	600.0	-13.2	-15.0	257.3	13.3	13.9	3.1	300.8	306.7	2.0	84.3	60.1	90.
17.9	53.0	4366.7	575.0	-15.4	-16.6	257.0	14.1	16.7	3.6	301.9	306.5	1.5	76.4	70.1	90.
18.9	57.0	4720.9	550.0	-17.9	-17.9	255.2	17.1	17.1	4.5	302.9	307.3	1.4	82.9	80.2	90.
19.9	57.0	5097.2	525.0	-20.5	-22.4	251.4	15.1	15.2	5.0	303.8	307.5	1.2	84.9	90.2	90.
20.9	63.1	5425.7	500.0	-23.2	-24.5	246.6	14.9	14.9	6.5	304.6	307.8	1.0	73.9	10.3	77.
21.9	63.5	5800.7	475.0	-25.6	-24.5	238.4	14.2	12.1	7.4	304.2	308.9	0.8	75.9	11.4	76.
22.9	66.7	6100.7	450.0	-28.4	-24.4	233.6	12.3	9.9	7.3	307.5	309.5	0.6	72.4	12.2	76.
23.9	70.1	6507.4	425.0	-31.7	-29.2	229.7	12.2	9.2	9.0	307.4	309.9	0.4	70.4	13.2	73.
24.9	73.7	7023.3	400.0	-35.0	-31.2	222.9	10.8	7.1	7.9	307.6	310.0	0.3	75.7	14.1	71.
25.9	77.4	7470.6	375.0	-38.2	-33.5	216.7	8.4	5.0	6.7	310.6	311.0	0.2	61.2	14.9	53.
26.9	81.2	7939.7	350.0	-43.1	-39.9	209.5	6.2	4.1	7.2	310.6	309.0	0.9	99.9	15.4	44.
27.9	85.2	8433.9	325.0	-47.9	-40.9	204.4	6.7	4.3	7.6	310.7	309.9	0.9	99.9	15.1	44.
28.9	93.3	8956.3	300.0	-52.4	-43.9	218.3	10.4	6.4	8.2	311.5	309.0	0.9	99.9	15.2	44.
29.9	99.2	9522.6	275.0	-56.9	-46.9	229.7	15.6	11.9	10.1	321.4	309.9	0.9	99.9	15.2	44.
30.9	99.2	10149.2	250.0	-61.7	-49.9	236.0	18.6	15.4	10.4	333.6	309.9	0.9	99.9	23.0	42.
31.9	102.4	10941.8	225.0	-68.2	-52.9	245.7	22.6	20.9	9.4	344.7	309.9	0.9	99.9	25.1	42.
32.9	107.4	11420.1	200.0	-74.9	-56.9	243.2	21.7	19.3	9.9	348.9	309.9	0.9	99.9	23.0	42.
33.9	113.3	12497.0	175.0	-80.1	-60.9	250.1	23.6	22.2	8.9	348.9	309.9	0.9	99.9	23.0	42.
34.9	119.3	13504.0	150.0	-85.4	-64.9	249.6	18.2	16.9	9.5	341.2	309.9	0.9	99.9	23.0	42.
35.9	125.7	14679.9	125.0	-90.6	-69.9	247.7	20.6	19.0	8.0	394.2	309.9	0.9	99.9	37.4	44.
36.9	132.7	15099.3	100.0	-95.7	-73.9	249.7	17.1	16.0	6.1	414.2	309.9	0.9	99.9	42.8	44.
37.9	140.3	17031.3	75.0	-97.5	-75.9	232.0	14.2	11.1	4.1	452.4	309.9	0.9	99.9	47.7	44.
38.9	143.7	20494.0	50.0	-97.2	-75.9	266.0	12.0	12.0	0.8	507.7	309.9	0.9	99.9	54.5	44.
39.9	157.0	24015.4	25.0	-91.2	-73.9	250.5	14.1	13.3	4.6	637.4	309.9	0.9	99.9	60.5	44.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

BY 6° SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

10 APRIL 1979
2340 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DG
30.2	23.5	1519.0	917.5	7.2	-7.2	260.0	10.3	10.1	1.0	297.0	334.8	2.7	34.0	3.0	3.0
30.3	23.0	99.9	1020.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.4	23.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.5	23.0	99.9	955.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.6	23.0	99.9	930.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.7	23.0	99.9	905.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.8	23.0	99.9	880.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.9	23.0	99.9	855.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.0	23.0	99.9	830.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.1	23.0	99.9	805.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.2	23.0	99.9	780.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.3	23.0	99.9	755.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.4	23.0	99.9	730.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.5	23.0	99.9	705.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.6	23.0	99.9	680.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.7	23.0	99.9	655.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.8	23.0	99.9	630.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.9	23.0	99.9	605.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.0	23.0	99.9	580.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.1	23.0	99.9	555.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.2	23.0	99.9	530.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.3	23.0	99.9	505.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.4	23.0	99.9	480.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.5	23.0	99.9	455.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.6	23.0	99.9	430.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.7	23.0	99.9	405.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.8	23.0	99.9	380.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.9	23.0	99.9	355.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.0	23.0	99.9	330.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.1	23.0	99.9	305.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.2	23.0	99.9	280.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.3	23.0	99.9	255.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.4	23.0	99.9	230.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.5	23.0	99.9	205.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.6	23.0	99.9	180.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.7	23.0	99.9	155.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.8	23.0	99.9	130.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	23.0	99.9	105.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.0	23.0	99.9	80.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.1	23.0	99.9	55.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.2	23.0	99.9	30.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.3	23.0	99.9	5.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.4	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.5	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.6	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.7	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.8	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.9	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.0	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.1	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.2	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.3	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.4	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.5	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.6	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.7	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.8	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.9	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.0	23.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* 3Y SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

** BY 10Y MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO11 APRIL 1979
003 GMT

TIME MIL	CNTCT	HEIGHT GMS	PRES MB	TEMP DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX P70 GM/KG	RM PCT	RANGE KM	AZ DG
3.0	23.4	1619.0	819.4	-2.1	260.0	5.7	5.6	1.0	289.8	331.7	4.3	92.0	3.0	0.
3.3	99.0	809.0	1070.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	99.0	809.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.9	99.0	99.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.2	99.0	99.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.5	99.0	99.0	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.8	99.0	99.0	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.1	99.0	99.0	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.4	99.0	99.0	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5.7	99.0	99.0	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.0	99.0	99.0	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.3	99.0	99.0	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.6	99.0	99.0	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6.9	99.0	99.0	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
7.2	99.0	99.0	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
7.5	99.0	99.0	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
7.8	99.0	99.0	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
8.1	99.0	99.0	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
8.4	99.0	99.0	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
8.7	99.0	99.0	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.0	99.0	99.0	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.3	99.0	99.0	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.6	99.0	99.0	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.9	99.0	99.0	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.2	99.0	99.0	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.5	99.0	99.0	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.8	99.0	99.0	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11.1	99.0	99.0	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11.4	99.0	99.0	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11.7	99.0	99.0	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.0	99.0	99.0	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.3	99.0	99.0	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.6	99.0	99.0	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.9	99.0	99.0	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13.2	99.0	99.0	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13.5	99.0	99.0	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13.8	99.0	99.0	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.1	99.0	99.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.4	99.0	99.0	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.7	99.0	99.0	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.0	99.0	99.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.3	99.0	99.0	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
 BY TEMPS MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALLM, ILLINOIS

19 APRIL 1979
1100 GMT

TIME MIN	CNTCT	WIND GPM	WIND MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WIND GPM	WIND MB	RANGE KM	AZ DEG
30.2	6.4	175.0	995.0	1.7	-1.9	120.0	2.6	-2.3	1.3	275.2	233.9	3.3	77.9	9.0	90
30.9	9.0	99.0	1075.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
31.5	9.7	345.2	975.0	0.0	-2.5	99.0	99.0	99.0	99.0	276.1	244.5	3.3	77.9	99.0	99.0
31.9	11.0	554.1	950.0	-1.5	-2.9	99.0	99.0	99.0	99.0	275.7	244.0	3.3	97.7	99.0	99.0
32.3	13.3	765.2	925.0	-3.4	-2.5	99.0	99.0	99.0	99.0	275.9	244.0	3.2	97.7	99.0	99.0
32.7	15.7	982.4	900.0	-5.0	-2.1	99.0	99.0	99.0	99.0	276.3	243.9	2.9	99.4	99.0	99.0
33.4	14.1	1233.3	875.0	-5.0	-2.8	99.0	99.0	99.0	99.0	277.1	244.0	2.9	97.4	99.0	99.0
34.1	23.4	1832.6	850.0	-7.7	-2.4	99.0	99.0	99.0	99.0	285.4	245.4	1.0	27.4	99.0	99.0
35.3	25.4	1973.0	825.0	5.6	-4.5	99.0	99.0	99.0	99.0	294.5	245.4	2.6	97.4	99.0	99.0
36.7	24.7	2146.5	800.0	7.0	-4.5	99.0	99.0	99.0	99.0	294.5	245.4	0.1	1.0	99.0	99.0
37.5	33.4	2454.4	775.0	7.0	-4.7	234.4	3.6	3.1	1.0	301.3	301.6	0.1	1.0	99.0	99.0
38.3	33.1	2731.4	750.0	4.7	-2.1	239.3	4.4	3.9	2.2	302.8	304.3	0.5	5.0	99.0	99.0
39.5	35.4	3015.5	700.0	4.2	-2.5	246.6	5.6	5.0	2.6	304.1	305.9	0.5	7.7	99.0	99.0
40.4	35.4	3307.9	675.0	0.2	-2.4	247.7	5.5	8.8	3.6	305.9	307.4	0.9	13.1	99.0	99.0
41.4	41.2	3599.5	650.0	-1.1	-2.4	247.7	10.2	9.2	4.3	307.7	309.0	0.7	12.4	99.0	99.0
42.4	44.7	3927.5	625.0	-3.7	-2.5	241.9	10.4	9.2	4.9	309.2	310.0	0.5	12.5	99.0	99.0
43.4	43.0	4241.1	600.0	-6.3	-2.7	242.3	10.4	9.2	4.9	309.8	310.7	0.9	14.9	99.0	99.0
44.5	42.0	4572.3	575.0	-8.6	-2.9	245.4	10.3	9.1	4.3	311.2	312.2	2.3	9.4	99.0	99.0
45.5	52.0	4815.4	550.0	-10.4	-3.9	241.4	12.7	11.1	6.1	312.7	313.3	0.2	6.5	99.0	99.0
46.3	53.0	5111.5	525.0	-13.1	-4.2	239.5	14.1	12.0	7.3	312.7	313.3	0.2	6.5	99.0	99.0
47.2	54.7	5411.2	500.0	-16.1	-4.8	241.1	13.2	11.4	6.4	313.4	314.9	0.2	7.3	99.0	99.0
48.2	52.3	5725.1	475.0	-19.1	-4.3	242.6	13.0	11.4	6.0	314.4	314.9	0.2	7.3	99.0	99.0
49.3	55.7	6025.2	450.0	-21.4	-5.9	242.4	14.9	11.4	5.9	315.4	315.4	0.1	4.5	99.0	99.0
50.3	59.7	6344.1	425.0	-24.6	-4.9	243.2	17.3	13.4	7.8	317.4	319.0	0.1	11.9	99.0	99.0
51.2	72.4	7742.8	400.0	-27.4	-5.4	243.3	19.6	17.5	9.8	319.8	319.8	0.1	5.9	99.0	99.0
52.1	73.1	7942.5	375.0	-32.1	-4.9	243.6	20.0	18.9	6.7	319.2	319.2	0.2	25.3	99.0	99.0
53.1	73.3	8227.4	350.0	-34.6	-4.9	243.6	20.0	20.4	4.8	322.1	323.2	0.3	52.4	99.0	99.0
54.7	93.4	9433.8	325.0	-39.0	-5.5	245.5	21.1	20.4	5.3	323.2	323.2	0.3	15.4	99.0	99.0
55.3	93.3	9743.5	300.0	-44.1	-7.9	248.4	22.4	20.8	4.2	323.2	323.2	0.3	99.0	99.0	99.0
56.4	91.3	9940.1	275.0	-49.0	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
57.4	92.4	10475.3	250.0	-53.6	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
58.4	92.4	11136.7	225.0	-58.6	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
59.4	92.4	11600.9	200.0	-62.1	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
60.4	92.4	12055.1	175.0	-63.4	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
61.4	92.4	12500.0	150.0	-62.5	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
62.4	92.4	12945.8	125.0	-61.2	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
63.4	92.4	13390.0	100.0	-62.4	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
64.4	92.4	13834.0	75.0	-61.7	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
65.4	92.4	14278.7	50.0	-61.7	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
66.4	92.4	14723.0	25.0	-61.7	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0
67.4	92.4	15167.4	0.0	-61.7	-7.9	248.4	22.4	22.0	4.9	323.2	323.2	0.3	99.0	99.0	99.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS10 APRIL 1979
1405 GMT

TIME MVA	CNTCT	HEIGHT GFW	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPED M/SEC	U COMP M/SFC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND CM/KG	CM OCT	RANGE KM	AZ DEG
3:00	70.2	175.0	997.1	2.4	-1.4	120.0	4.1	-3.6	2.0	275.8	284.7	3.5	70.0	7.2	0.
3:05	92.9	92.9	1022.3	9.9	9.9	99.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3:10	9.0	353.6	975.0	3.7	-3.3	117.4	4.7	-4.3	1.9	275.8	293.8	3.1	74.1	0.2	250.
3:15	11.4	563.6	950.0	-1.3	-3.0	124.9	4.5	-3.4	2.6	275.8	294.2	3.2	88.3	3.6	231.
3:20	13.7	775.6	925.0	-3.3	-3.7	137.4	5.0	-3.4	3.7	275.8	294.2	3.1	96.6	7.6	238.
3:25	16.1	991.6	900.0	-4.7	-3.0	144.9	5.1	-3.5	5.0	275.8	294.2	2.9	97.5	7.2	334.
3:30	19.4	1214.3	875.0	-2.9	-11.1	162.2	5.7	-1.7	5.4	280.9	296.2	2.0	55.9	1.2	311.
3:35	21.7	1445.6	850.0	3.7	-17.0	211.3	5.4	2.8	4.6	290.0	291.2	0.4	4.3	1.3	329.
3:40	23.5	1493.2	825.0	5.7	-45.4	229.4	5.4	5.1	4.4	290.0	291.2	0.4	4.3	1.3	329.
3:45	25.0	1938.7	800.0	4.4	-39.9	224.5	5.5	5.4	5.3	295.3	296.3	0.1	1.3	1.4	333.
3:50	26.4	2192.4	775.0	3.2	-33.0	216.0	7.6	4.5	6.1	297.3	298.3	0.3	2.2	1.5	349.
3:55	31.2	2462.9	750.0	7.7	-45.7	210.2	7.7	3.9	6.7	300.6	300.9	0.1	1.3	1.6	358.
4:00	33.4	2737.1	725.0	2.4	-43.4	203.1	4.3	3.6	9.5	302.1	302.5	0.1	1.4	2.6	4.
4:05	35.4	3012.7	700.0	1.0	-40.2	202.0	10.5	3.9	9.8	303.6	304.3	0.2	3.1	3.1	11.
4:10	37.2	3311.1	675.0	-0.6	-36.6	202.9	11.6	4.5	10.7	305.0	305.0	0.3	5.4	4.2	13.
4:15	42.4	3611.3	650.0	-2.6	-33.2	203.9	11.7	4.7	10.7	306.0	307.6	0.5	9.2	4.7	14.
4:20	43.0	3921.0	625.0	-4.7	-29.2	210.5	12.3	6.3	10.6	307.1	309.2	0.7	15.3	5.4	15.
4:25	47.4	4240.5	600.0	-7.3	-25.8	213.3	11.1	7.2	10.9	307.7	310.0	0.7	19.2	5.2	16.
4:30	53.4	4572.6	575.0	-9.5	-23.7	213.7	11.5	7.5	11.3	308.8	310.1	0.4	11.9	7.1	23.
4:35	53.3	4912.0	550.0	-12.3	-25.2	213.9	14.2	7.9	11.8	309.9	311.2	0.7	25.7	9.1	22.
4:40	57.4	5250.0	525.0	-15.2	-25.1	219.8	14.0	10.2	12.3	310.2	313.2	0.9	42.3	9.3	24.
4:45	61.1	5576.4	500.0	-16.8	-12.3	231.8	14.0	14.0	11.8	312.5	317.7	1.6	50.7	15.5	25.
4:50	61.4	5918.4	475.0	-14.5	-25.1	237.5	14.0	16.7	11.3	315.1	319.4	1.0	53.3	11.9	30.
4:55	55.7	6232.4	450.0	-20.9	-48.1	240.2	21.8	16.7	10.7	317.2	317.9	0.2	10.3	13.5	34.
5:00	70.1	6572.9	425.0	-24.6	-39.9	239.1	21.7	21.2	12.7	317.3	318.4	0.3	25.2	15.2	37.
5:05	73.7	7277.9	400.0	-28.1	-37.9	240.1	21.9	22.5	12.9	318.5	319.5	0.0	1.0	17.4	40.
5:10	77.4	7777.6	375.0	-32.2	-33.5	235.9	21.6	22.9	15.5	319.0	319.1	0.0	2.7	19.9	42.
5:15	81.7	8223.5	350.0	-36.1	-37.8	234.6	21.4	23.2	16.5	320.1	320.2	0.0	5.8	22.9	44.
5:20	85.3	8733.3	325.0	-40.3	-37.9	232.5	21.7	22.7	17.4	321.1	320.9	0.0	93.9	25.9	45.
5:25	89.4	9270.5	300.0	-44.0	-37.9	230.7	21.0	21.7	17.9	322.0	320.9	0.0	93.9	25.9	46.
5:30	93.4	9845.6	275.0	-48.1	-37.9	228.5	21.3	21.3	18.4	322.7	320.9	0.0	93.9	25.9	46.
5:35	97.4	10452.7	250.0	-52.1	-37.9	227.6	21.2	21.5	19.4	323.5	320.9	0.0	93.9	25.9	46.
5:40	101.4	11120.3	225.0	-56.0	-37.9	225.4	21.5	21.5	19.4	324.5	320.9	0.0	93.9	25.9	46.
5:45	105.4	11855.5	200.0	-59.1	-37.9	224.7	21.0	21.0	19.4	325.2	320.9	0.0	93.9	25.9	46.
5:50	109.4	12621.1	175.0	-61.7	-37.9	224.7	21.0	21.0	19.4	326.2	320.9	0.0	93.9	25.9	46.
5:55	113.4	13426.2	150.0	-64.7	-37.9	224.6	21.0	21.0	19.4	327.1	320.9	0.0	93.9	25.9	46.
6:00	117.4	14284.2	125.0	-67.7	-37.9	224.6	21.0	21.0	19.4	328.1	320.9	0.0	93.9	25.9	46.
6:05	121.4	15194.5	100.0	-70.7	-37.9	224.6	21.0	21.0	19.4	329.1	320.9	0.0	93.9	25.9	46.
6:10	125.4	16172.7	75.0	-73.7	-37.9	224.6	21.0	21.0	19.4	330.1	320.9	0.0	93.9	25.9	46.
6:15	129.4	17245.0	50.0	-76.7	-37.9	224.6	21.0	21.0	19.4	331.1	320.9	0.0	93.9	25.9	46.
6:20	133.4	18452.7	25.0	-79.7	-37.9	224.6	21.0	21.0	19.4	332.1	320.9	0.0	93.9	25.9	46.
6:25	137.4	19799.5	0.0	-82.7	-37.9	224.6	21.0	21.0	19.4	333.1	320.9	0.0	93.9	25.9	46.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN * AND IN DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS

10 APRIL 1979
1715 GMT

TIME MIN	CUTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DFT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCY	RANGE KM	AZ DEG
303	7.2	175.0	980.7	3.6	-2.6	110.0	5.1	-4.8	1.7	277.0	285.3	3.2	54.0	0.0	0.
309	9.9	98.0	1030.0	99.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9
305	9.1	353.4	975.0	2.2	-1.3	101.5	5.1	-5.0	1.0	277.3	286.6	3.6	77.8	0.2	276.
1.3	11.4	562.7	950.0	0.2	-1.3	115.4	5.6	-5.1	2.4	277.4	286.9	3.7	90.1	0.4	276.
2.9	13.6	775.9	925.0	-1.6	-2.0	127.9	6.6	-5.3	4.2	277.4	286.7	3.6	98.7	0.7	276.
2.9	13.6	993.3	907.0	-3.2	-2.3	135.3	7.3	-5.1	5.2	278.3	287.0	3.3	99.1	1.0	276.
3.7	14.3	1217.2	873.0	9.7	-27.2	153.7	5.4	-1.5	5.1	284.5	285.9	0.5	10.5	1.3	273.
4.9	23.7	1453.1	853.0	6.7	-37.9	235.8	3.6	3.0	2.0	293.1	293.7	2.2	2.5	1.4	211.
5.5	23.1	1697.7	825.0	4.0	-31.9	237.7	4.0	4.1	2.1	294.9	295.9	0.7	4.7	1.3	219.
2.5	25.5	1849.0	800.0	5.0	-23.8	233.1	5.7	5.1	2.6	296.5	298.6	0.7	10.2	1.3	211.
7.5	26.5	2207.2	775.0	4.3	-21.5	238.3	4.0	6.4	4.2	298.4	301.2	0.7	13.2	1.3	205.
3.5	33.5	2473.9	755.0	3.6	-24.3	227.6	11.2	6.3	7.5	300.5	302.4	0.4	9.4	1.7	5.
3.2	33.3	2748.0	725.0	3.6	-24.9	230.6	11.9	10.9	8.8	302.3	304.2	2.6	9.1	2.4	19.
13.5	35.7	3033.5	700.0	0.6	-21.4	226.6	14.1	10.2	11.1	303.1	306.2	1.0	17.5	3.3	28.
11.5	34.7	3321.4	675.0	-1.4	-15.1	211.0	10.1	8.3	13.4	304.1	309.0	1.6	31.5	4.3	29.
12.2	41.0	3620.4	650.0	-2.8	-15.8	225.0	16.0	6.7	14.5	304.7	309.5	1.6	35.5	5.3	29.
14.2	41.8	3829.3	625.0	-4.0	-15.1	225.6	14.3	6.2	12.9	305.6	312.9	2.4	42.2	7.5	29.
15.4	45.4	4248.6	430.0	-6.7	-15.7	219.2	13.9	8.6	13.9	309.4	313.9	1.7	44.7	7.5	29.
13.7	43.4	4480.0	575.0	-9.0	-15.1	248.5	16.5	12.6	9.3	307.6	315.5	1.9	55.7	4.6	31.
19.5	54.4	4822.4	550.0	-11.3	-23.8	242.3	16.1	14.3	7.5	310.7	313.7	0.9	31.9	17.1	36.
23.3	55.4	5276.1	530.0	-14.7	-25.7	254.0	17.6	17.0	4.3	311.2	314.1	0.9	37.1	11.4	40.
21.4	54.5	5489.1	510.0	-17.4	-21.5	254.5	21.3	20.5	5.7	311.9	314.2	1.4	70.2	12.7	44.
22.7	51.5	5829.1	475.0	-19.4	-11.2	248.0	26.3	28.4	9.8	313.9	316.2	1.6	75.9	14.5	47.
24.2	54.3	6234.4	450.0	-21.9	-11.8	244.0	24.7	26.7	13.0	315.8	316.0	2.1	4.7	15.9	50.
25.5	53.1	5467.4	425.0	-25.0	-53.2	239.2	24.6	26.4	15.1	317.0	317.2	0.1	5.2	19.3	52.
27.2	71.7	7184.5	400.0	-24.5	-51.2	232.5	3.4	24.0	19.1	317.0	318.1	0.1	5.4	22.2	52.
29.7	75.7	7743.7	375.0	-24.4	-57.5	228.6	37.6	23.7	20.9	319.7	319.9	7.0	4.1	25.1	52.
31.2	73.2	8225.2	350.0	-37.1	-53.4	228.4	24.7	26.3	19.7	319.7	319.9	0.0	7.3	27.8	52.
31.7	36.4	8712.3	325.0	-41.9	91.3	227.5	21.6	21.1	19.3	319.9	319.9	99.9	999.9	27.5	51.
33.5	36.4	9234.7	300.0	-46.1	74.3	234.1	21.2	22.9	15.6	320.4	320.9	99.9	999.9	31.6	51.
35.7	31.1	9443.9	275.0	-45.5	93.7	236.3	30.4	24.7	17.7	321.6	321.6	99.9	999.9	37.7	52.
37.9	36.4	10462.1	250.0	-53.1	97.9	237.6	34.9	25.4	23.9	327.1	327.1	99.9	999.9	41.3	52.
42.7	105.4	11138.7	225.0	-44.4	98.3	239.1	31.2	32.3	20.5	335.2	335.2	99.9	999.9	46.2	52.
45.4	111.3	12265.0	175.0	-54.1	98.3	249.1	37.3	32.0	12.5	342.4	342.4	99.9	999.9	52.1	51.
45.4	117.3	12765.0	150.0	-59.9	98.3	251.9	36.9	33.2	10.4	352.4	352.4	99.9	999.9	57.4	53.
45.5	117.3	13565.0	125.0	-59.9	98.3	257.2	30.8	30.7	6.4	369.5	369.5	99.9	999.9	63.0	57.
52.3	123.7	14930.1	125.0	-59.9	98.3	260.3	24.7	28.3	4.9	387.7	387.7	99.9	999.9	63.0	59.
53.3	131.0	16226.3	100.0	-59.3	98.3	255.2	21.9	28.0	7.4	413.2	413.2	99.9	999.9	75.4	53.
61.2	134.7	18031.1	75.0	-43.9	98.3	267.2	21.2	26.7	1.3	439.2	439.2	99.9	999.9	83.8	52.
54.7	153.1	23525.7	50.0	-57.2	92.9	272.0	14.0	18.0	-0.6	504.6	504.6	99.9	999.9	92.3	56.
53.3	150.5	24036.4	25.0	-44.1	98.9	249.2	14.0	17.7	6.7	458.2	458.2	99.9	999.9	103.5	57.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS10 APRIL 1979
2305 GMT

TIME MID	CNTCT	WEIGHT GPM	PMES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DC K	E POT Y DC K	MX WTD GM/KG	RH PCT	151 KM	17.0 DEG
20.2	50.3	1750.7	993.4	6.7	1.6	120.0	5.1	-4.4	2.5	280.4	291.6	4.3	70.0	0.0	0.0
20.3	92.3	99.3	1000.0	99.9	92.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
20.5	7.5	328.3	975.0	5.0	7.5	104.1	9.3	-9.1	2.1	280.2	290.5	4.1	72.9	7.3	256.0
20.6	9.6	570.6	975.0	2.9	9.6	109.0	10.0	-9.4	3.3	280.8	290.9	4.2	75.4	0.4	294.0
20.7	11.8	750.9	975.0	0.7	11.8	116.9	8.6	-7.7	3.9	281.0	290.9	4.2	75.4	1.3	299.0
20.8	13.3	970.6	975.0	0.4	13.3	120.5	5.9	-3.7	4.5	281.8	287.6	2.1	47.6	1.7	232.0
20.9	15.1	1205.4	975.0	9.0	-43.7	192.5	4.5	0.9	4.4	293.2	293.5	0.1	1.1	1.9	279.0
21.0	4.7	1443.7	975.0	8.2	-13.5	220.5	4.2	3.2	3.9	294.7	299.0	1.5	19.4	1.9	324.0
21.1	20.5	1650.4	975.0	7.3	-17.0	228.0	5.7	4.3	3.9	296.4	300.1	1.2	14.1	1.9	311.0
21.2	20.9	1650.4	975.0	6.1	-3.2	229.7	7.6	5.9	4.4	297.7	306.7	3.2	42.8	1.8	322.0
21.3	20.9	2270.9	975.0	5.1	-1.7	236.9	10.3	8.7	4.4	297.7	311.4	4.4	51.5	1.9	339.0
21.4	20.9	2470.1	975.0	2.4	-4.6	232.4	11.3	9.7	5.9	301.2	310.9	3.6	55.8	2.0	354.0
21.5	20.9	2748.3	975.0	1.6	-5.0	236.4	11.7	9.7	6.5	301.2	310.9	3.4	57.0	2.5	3.0
21.6	20.9	3025.4	975.0	0.2	-10.4	247.4	12.2	11.3	4.6	302.7	310.1	2.5	45.1	3.0	23.0
21.7	30.2	3316.4	975.0	-2.3	-7.8	252.2	13.4	12.8	4.1	303.1	311.7	2.9	43.8	3.4	31.0
21.8	30.2	3515.7	975.0	-3.9	-12.8	254.9	13.7	13.2	3.6	304.4	311.6	2.4	53.1	4.3	33.0
21.9	30.2	3924.5	975.0	-4.6	-15.1	256.2	14.9	14.0	3.5	307.0	325.0	0.3	5.7	5.3	45.0
22.0	30.2	4244.5	975.0	-6.3	-15.1	256.2	14.9	14.0	3.5	307.0	325.0	0.3	5.7	5.3	45.0
22.1	30.2	4570.3	975.0	-8.7	-15.4	259.6	16.3	16.4	6.3	308.8	310.0	0.0	1.0	5.9	52.0
22.2	30.2	4914.9	975.0	-11.3	-15.9	259.6	16.3	16.4	5.9	311.1	311.2	0.0	1.0	5.2	5.0
22.3	30.2	5274.3	975.0	-13.9	-15.9	259.6	20.2	19.5	5.3	311.7	311.8	0.0	1.0	3.7	5.0
22.4	30.2	5643.1	975.0	-16.2	-15.2	255.6	22.0	21.4	5.8	313.3	313.4	0.0	1.0	11.4	41.0
22.5	30.2	6027.2	975.0	-19.0	-12.0	253.9	24.0	23.1	6.5	315.5	315.5	0.0	1.0	13.4	53.0
22.6	30.2	6427.2	975.0	-22.1	-8.0	251.9	23.3	22.2	7.3	315.5	315.5	0.0	1.0	13.4	53.0
22.7	30.2	6844.3	975.0	-26.0	-4.6	254.3	23.6	22.7	6.4	315.7	315.7	0.0	1.0	13.4	53.0
22.8	30.2	7270.5	975.0	-37.0	-44.1	257.4	26.1	25.5	5.7	316.0	316.1	0.0	2.1	13.4	56.0
22.9	30.2	7735.2	975.0	-37.0	-44.1	257.4	26.1	25.5	5.7	316.0	316.1	0.0	2.1	13.4	56.0
23.0	30.2	8210.7	975.0	-38.2	-44.5	259.1	26.7	26.2	4.7	316.7	316.7	0.0	2.2	13.4	56.0
23.1	30.2	8719.7	975.0	-42.4	-49.9	261.6	31.7	31.3	5.0	319.2	319.2	0.0	3.1	24.7	63.0
23.2	30.2	9253.2	975.0	-44.3	-49.9	261.6	31.7	31.3	4.5	319.2	319.2	0.0	3.1	24.7	63.0
23.3	30.2	9817.1	975.0	-47.5	-49.9	257.2	42.0	41.6	3.9	322.9	322.9	0.0	999.9	27.5	70.0
23.4	30.2	10443.5	975.0	-52.8	-49.9	257.3	47.4	46.2	10.4	325.5	325.5	0.0	999.9	32.3	72.0
23.5	30.2	11131.7	975.0	-58.1	-49.9	255.4	43.1	47.4	10.4	325.5	325.5	0.0	999.9	32.3	72.0
23.6	30.2	11845.1	975.0	-52.2	-49.9	245.5	40.9	37.1	10.1	325.5	325.5	0.0	999.9	32.3	72.0
23.7	30.2	12611.0	975.0	-45.8	-49.9	248.3	36.9	34.3	13.7	331.2	331.2	0.0	999.9	32.3	72.0
23.8	30.2	13452.6	975.0	-41.6	-49.9	253.7	40.4	36.8	11.3	331.2	331.2	0.0	999.9	32.3	72.0
23.9	30.2	14324.9	975.0	-44.7	-49.9	260.4	34.8	32.4	5.3	335.8	335.8	0.0	999.9	32.3	72.0
24.0	30.2	15170.3	975.0	-43.9	-49.9	256.3	28.5	27.6	6.7	400.0	399.9	0.0	999.9	32.3	72.0
24.1	30.2	15943.2	975.0	-44.0	-49.9	263.2	24.5	24.4	2.9	434.7	399.9	0.0	999.9	32.3	72.0
24.2	30.2	16742.4	975.0	-41.1	-49.9	265.4	17.1	17.0	1.4	499.6	399.9	0.0	999.9	32.3	72.0
24.3	30.2	17595.5	975.0	-40.9	-49.9	262.9	19.6	19.4	2.4	649.8	399.9	0.0	999.9	32.3	72.0

BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
BY TEMP MEANS TEMPERATURE DE TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS11 APRIL 1979
11 565 GMT

TIME MIN	CNTY	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POB T DEG K	E POT T DEG K	WX WFO CH/KG	RM SLT	RANGE NM	AZ DEG
3.2	9.3	179.0	992.0	6.4	2.7	120.0	7.2	-6.2	3.6	280.2	292.3	4.7	77.9	0.0	0.0
3.3	9.3	179.0	1030.0	99.0	99.0	149.9	9.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	9.4	310.7	975.0	5.2	3.2	149.9	14.9	-14.2	6.5	280.4	291.5	4.3	75.7	3.4	243.0
1.2	12.2	525.3	950.0	5.2	3.3	122.0	14.3	-13.7	8.9	282.5	293.3	4.1	73.6	1.0	271.0
1.3	14.5	747.9	925.0	9.4	-13.0	136.5	14.6	-8.7	9.2	282.5	293.0	1.4	17.9	1.7	230.0
2.3	15.3	974.7	970.0	12.1	-5.5	141.0	14.1	-5.6	9.4	284.9	301.4	2.6	29.7	2.2	375.0
3.5	9.1	1212.2	975.0	12.0	9.2	161.0	14.2	-3.5	10.7	284.9	317.3	7.8	77.5	2.5	377.0
4.4	21.7	1455.0	950.0	11.1	4.5	171.0	14.7	-1.4	12.6	284.9	314.9	6.3	54.0	3.1	314.0
5.3	24.2	1706.1	825.0	10.6	1.7	170.9	11.5	-1.8	11.3	290.8	314.5	5.3	54.2	3.7	323.0
6.3	26.7	1950.2	870.0	9.1	3.3	166.5	14.9	-2.3	9.6	300.9	314.7	4.9	54.0	4.1	326.0
7.3	28.1	2272.5	775.0	7.2	-7.2	167.0	11.3	-2.2	10.1	311.6	315.3	4.9	53.4	4.5	329.0
8.3	31.2	2491.7	740.0	5.7	-3.0	142.3	11.0	0.5	12.1	343.7	316.4	6.8	62.0	5.1	331.0
9.3	34.5	2745.7	725.0	4.0	-2.6	194.4	14.2	3.5	13.5	303.4	319.2	9.0	71.9	5.7	335.0
10.3	37.1	3053.0	720.0	1.3	-2.5	201.0	14.9	5.3	14.8	304.0	319.0	9.3	97.9	6.3	341.0
11.3	39.2	3345.1	975.0	-9.9	-1.4	211.1	17.7	9.2	15.2	304.0	319.2	9.1	94.2	7.0	345.0
12.3	42.0	3593.9	650.0	-2.9	-2.1	217.5	24.7	12.6	14.4	305.7	319.2	4.7	94.3	7.9	352.0
13.3	45.4	3756.2	625.0	-4.0	-6.0	219.3	24.0	14.5	17.7	307.0	317.9	3.7	94.2	9.9	359.0
14.3	48.1	4279.5	530.0	-6.9	-7.6	220.7	24.6	16.0	19.4	308.2	319.9	3.6	94.7	12.0	40.0
15.3	51.2	4679.3	575.0	-9.1	-9.4	227.8	24.9	18.5	16.7	310.5	321.0	3.5	97.4	11.3	9.0
16.3	54.2	4926.5	570.0	-10.7	-11.4	236.1	24.3	21.0	14.1	311.4	320.2	2.9	95.0	12.4	14.0
17.3	57.4	5178.7	525.0	-17.4	-15.2	241.4	24.4	23.1	12.6	312.1	319.9	2.2	97.7	13.9	17.0
18.3	60.4	5431.1	470.0	-16.9	-17.5	243.1	24.2	24.3	12.2	312.6	317.3	1.5	93.2	15.3	26.0
19.3	63.6	5681.1	475.0	-19.4	-17.7	245.2	24.4	23.4	11.9	313.4	316.5	0.9	49.7	15.5	5.0
20.3	66.9	5930.4	450.0	-22.3	-15.0	242.3	24.0	23.1	12.1	314.6	314.7	0.3	3.0	16.4	32.0
21.3	70.1	6179.9	475.0	-25.5	-13.0	245.2	24.5	23.1	10.7	315.3	317.0	0.2	17.4	17.2	35.0
22.3	73.4	6430.4	470.0	-29.3	-13.3	245.7	24.3	24.0	11.2	316.3	315.4	0.3	41.1	18.3	30.0
23.3	76.7	6680.9	470.0	-29.3	-13.3	245.7	24.3	24.0	10.9	316.4	320.9	0.4	53.9	20.5	41.0
24.3	80.0	6930.9	450.0	-34.5	-11.4	251.7	30.0	28.5	9.4	317.6	320.6	0.3	53.4	21.2	46.0
25.3	83.3	7180.9	475.0	-42.4	-3.7	246.4	24.0	25.7	11.2	320.7	321.9	0.3	53.4	21.7	47.0
26.3	86.6	7430.9	475.0	-45.4	9.9	243.0	34.8	27.4	14.0	321.2	320.9	0.9	93.9	22.3	49.0
27.3	89.9	7680.9	475.0	-51.1	9.9	241.3	34.3	29.2	16.3	321.3	320.9	0.9	93.9	22.3	49.0
28.3	93.2	7930.9	450.0	-54.4	9.9	240.3	34.3	31.1	17.7	321.6	320.9	0.9	93.9	22.3	49.0
29.3	96.5	8180.9	475.0	-60.4	9.9	248.2	34.9	29.6	11.3	321.6	320.9	0.9	93.9	22.3	49.0
30.3	99.8	8430.9	475.0	-62.3	9.9	252.7	24.7	22.6	7.0	330.1	320.9	0.9	93.9	22.3	49.0
31.3	103.1	8680.9	475.0	-64.6	9.9	240.3	34.6	32.3	12.4	343.4	320.9	0.9	93.9	22.3	49.0
32.3	106.4	8930.9	475.0	-64.6	9.9	251.6	44.2	38.1	12.7	350.4	320.9	0.9	93.9	22.3	49.0
33.3	109.7	9180.9	475.0	-61.7	9.9	257.6	24.7	27.5	9.1	383.2	320.9	0.9	93.9	22.3	49.0
34.3	113.0	9430.9	475.0	-61.7	9.9	252.6	24.7	25.5	7.9	406.6	320.9	0.9	93.9	22.3	49.0
35.3	116.3	9680.9	475.0	-61.7	9.9	254.0	24.0	19.2	5.5	430.1	320.9	0.9	93.9	22.3	49.0
36.3	119.6	9930.9	475.0	-64.3	9.9	267.3	14.6	16.5	0.7	502.2	320.9	0.9	93.9	22.3	49.0
37.3	122.9	10180.9	475.0	-60.9	9.9	267.3	14.6	15.7	3.2	630.6	320.9	0.9	93.9	22.3	49.0
38.3	126.2	10430.9	475.0	-50.6	9.9	258.1	14.0	15.7	3.2	630.6	320.9	0.9	93.9	22.3	49.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG

* BY TEMPERATURE MEANS TEMPERATURE TO TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 437
SALEM, ILLINOIS
11 APRIL 1979
805 GUT

TIME M/T	CNTC	WTCMT GPH	P-WES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT T DEG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DEG
00.0	7.7	175.0	935.0	5.0	4.0	110.0	5.3	-0.7	7.2	279.9	233.1	5.2	99.0	0.0	0.0
00.5	9.0	94.0	1000.0	99.0	92.0	99.0	95.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
01.0	9.0	295.0	97.0	5.0	4.0	118.4	15.0	-18.0	7.6	280.5	244.4	7.4	96.0	7.3	253.0
01.5	11.3	532.1	935.0	10.1	9.2	134.4	17.0	-18.0	12.6	297.5	306.2	7.2	97.0	1.0	253.0
02.0	13.5	725.0	925.0	12.7	7.3	156.7	15.0	-18.0	17.7	272.4	310.9	7.0	99.0	1.0	253.0
02.5	15.0	950.5	920.0	12.9	9.7	169.9	22.7	-4.0	22.3	296.7	317.1	7.0	91.0	2.0	321.0
03.0	17.4	1107.5	925.0	12.0	11.0	180.2	22.5	0.1	22.5	296.3	323.0	10.1	99.0	3.0	312.0
03.5	20.4	1430.8	925.0	11.2	11.0	180.4	21.0	2.0	20.9	297.9	324.0	9.9	99.0	4.0	312.0
04.0	23.3	1684.1	925.0	9.7	7.6	192.5	20.0	4.3	19.5	298.8	321.0	9.2	93.0	4.0	312.0
04.5	25.7	1941.4	925.0	8.9	5.3	195.1	21.4	5.9	20.6	300.4	319.0	7.0	78.0	7.0	350.0
05.0	28.2	2204.5	925.0	8.0	4.5	195.1	21.4	6.9	21.3	302.4	319.0	7.0	78.0	7.0	350.0
05.5	30.6	2478.5	925.0	6.0	3.2	203.7	21.3	8.6	19.5	303.1	321.2	6.5	92.0	9.2	357.0
06.0	33.1	2742.1	925.0	4.0	1.9	202.6	24.0	9.2	22.2	304.2	321.3	6.1	93.0	10.4	357.0
06.5	35.4	3015.2	925.0	2.0	-1.2	204.6	26.1	15.9	21.7	304.9	319.2	5.0	74.0	11.7	357.0
07.0	37.7	3288.2	925.0	0.1	-3.7	206.9	26.7	12.1	23.9	305.7	321.1	5.0	74.0	13.0	357.0
07.5	40.1	3561.3	925.0	-2.0	-6.1	207.9	25.1	13.4	25.7	305.5	320.0	4.7	91.0	14.4	357.0
08.0	42.4	3834.4	925.0	-4.5	-8.5	211.8	24.1	14.6	25.9	305.3	319.4	3.9	96.0	15.2	10.0
08.5	44.7	4107.5	925.0	-6.4	-10.2	214.0	23.0	16.3	22.5	309.7	319.4	3.7	96.0	17.0	12.0
09.0	47.0	4380.6	925.0	-8.4	-12.0	216.6	24.3	16.7	20.7	309.1	318.3	2.4	72.0	19.3	15.0
09.5	49.3	4653.7	925.0	-10.9	-13.4	216.9	24.5	15.7	19.5	311.2	318.2	1.3	41.0	21.3	17.0
10.0	51.6	4926.8	925.0	-13.0	-15.2	218.9	21.0	15.4	17.1	312.1	317.5	0.4	17.0	23.3	19.0
10.5	53.9	5200.0	925.0	-15.0	-17.0	218.9	21.0	15.4	15.4	314.2	317.7	0.4	44.0	24.0	20.0
11.0	56.2	5473.1	925.0	-17.0	-18.2	220.7	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
11.5	58.5	5746.2	925.0	-19.0	-20.0	222.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
12.0	60.8	6019.3	925.0	-21.0	-21.0	224.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
12.5	63.1	6292.4	925.0	-23.0	-23.0	226.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
13.0	65.4	6565.5	925.0	-25.0	-25.0	228.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
13.5	67.7	6838.6	925.0	-27.0	-27.0	230.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
14.0	70.0	7111.7	925.0	-29.0	-29.0	232.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
14.5	72.3	7384.8	925.0	-31.0	-31.0	234.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
15.0	74.6	7657.9	925.0	-33.0	-33.0	236.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
15.5	76.9	7931.0	925.0	-35.0	-35.0	238.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
16.0	79.2	8204.1	925.0	-37.0	-37.0	240.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
16.5	81.5	8477.2	925.0	-39.0	-39.0	242.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
17.0	83.8	8750.3	925.0	-41.0	-41.0	244.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
17.5	86.1	9023.4	925.0	-43.0	-43.0	246.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
18.0	88.4	9296.5	925.0	-45.0	-45.0	248.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
18.5	90.7	9569.6	925.0	-47.0	-47.0	250.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
19.0	93.0	9842.7	925.0	-49.0	-49.0	252.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
19.5	95.3	10115.8	925.0	-51.0	-51.0	254.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
20.0	97.6	10388.9	925.0	-53.0	-53.0	256.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
20.5	99.9	10662.0	925.0	-55.0	-55.0	258.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
21.0	102.2	10935.1	925.0	-57.0	-57.0	260.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
21.5	104.5	11208.2	925.0	-59.0	-59.0	262.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
22.0	106.8	11481.3	925.0	-61.0	-61.0	264.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
22.5	109.1	11754.4	925.0	-63.0	-63.0	266.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
23.0	111.4	12027.5	925.0	-65.0	-65.0	268.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
23.5	113.7	12300.6	925.0	-67.0	-67.0	270.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
24.0	116.0	12573.7	925.0	-69.0	-69.0	272.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
24.5	118.3	12846.8	925.0	-71.0	-71.0	274.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
25.0	120.6	13119.9	925.0	-73.0	-73.0	276.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
25.5	122.9	13393.0	925.0	-75.0	-75.0	278.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
26.0	125.2	13666.1	925.0	-77.0	-77.0	280.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
26.5	127.5	13939.2	925.0	-79.0	-79.0	282.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
27.0	129.8	14212.3	925.0	-81.0	-81.0	284.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
27.5	132.1	14485.4	925.0	-83.0	-83.0	286.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
28.0	134.4	14758.5	925.0	-85.0	-85.0	288.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
28.5	136.7	15031.6	925.0	-87.0	-87.0	290.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
29.0	139.0	15304.7	925.0	-89.0	-89.0	292.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
29.5	141.3	15577.8	925.0	-91.0	-91.0	294.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
30.0	143.6	15850.9	925.0	-93.0	-93.0	296.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
30.5	145.9	16124.0	925.0	-95.0	-95.0	298.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
31.0	148.2	16397.1	925.0	-97.0	-97.0	300.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
31.5	150.5	16670.2	925.0	-99.0	-99.0	302.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
32.0	152.8	16943.3	925.0	-101.0	-101.0	304.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
32.5	155.1	17216.4	925.0	-103.0	-103.0	306.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
33.0	157.4	17489.5	925.0	-105.0	-105.0	308.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
33.5	159.7	17762.6	925.0	-107.0	-107.0	310.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
34.0	162.0	18035.7	925.0	-109.0	-109.0	312.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
34.5	164.3	18308.8	925.0	-111.0	-111.0	314.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
35.0	166.6	18581.9	925.0	-113.0	-113.0	316.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
35.5	168.9	18855.0	925.0	-115.0	-115.0	318.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
36.0	171.2	19128.1	925.0	-117.0	-117.0	320.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
36.5	173.5	19401.2	925.0	-119.0	-119.0	322.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
37.0	175.8	19674.3	925.0	-121.0	-121.0	324.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
37.5	178.1	19947.4	925.0	-123.0	-123.0	326.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
38.0	180.4	20220.5	925.0	-125.0	-125.0	328.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0
38.5	182.7	20493.6	925.0	-127.0	-127.0	330.6	20.0	17.0	19.7	315.3	317.1	1.1	99.0	24.0	21.0

STATION NO. 433
SALEM, ILLINOIS

11 APRIL 1979
1245 GMT

TIME MIN	CVTCT	HEIGHT GPM	DRFS MB	TEMP DG C	DWB PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT DG K	MAX WTD GM/KG	RM PCT	RANGE KM	AZ DG
3.0	7.2	175.0	999.4	5.7	5.3	90.9	5.7	-5.7	0.0	279.7	294.1	5.6	97.0	0.0	0.
32.9	2.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	5.4	235.4	975.0	6.1	5.6	115.2	11.1	-10.0	4.7	291.3	276.3	5.9	98.9	7.3	272.
1.2	1.5	579.4	957.0	9.4	3.6	135.5	14.8	-8.9	11.9	285.7	304.1	7.2	97.9	0.6	292.
1.9	1.7	732.3	925.0	12.2	11.8	172.7	19.4	-2.5	19.3	291.5	316.4	9.5	97.2	1.3	317.
2.7	1.6	942.1	907.0	11.3	10.5	176.2	22.5	-0.3	22.5	293.2	316.4	9.9	96.8	2.3	337.
3.5	1.3	1179.9	875.0	10.2	9.8	176.4	22.4	-1.4	22.4	29.4	316.1	8.2	90.7	3.3	344.
4.2	1.4	1439.2	850.0	9.0	7.2	174.7	21.5	-2.0	21.4	295.6	315.9	7.5	88.3	4.3	347.
5.2	2.4	1686.3	825.0	7.7	4.6	174.0	20.6	-1.8	20.6	296.8	315.5	6.9	86.2	5.3	349.
5.1	2.5	1943.1	800.0	6.9	3.4	176.3	16.3	-0.6	19.3	298.5	315.5	6.6	84.6	6.4	349.
7.3	2.5	2233.8	775.0	5.4	2.9	184.2	22.7	1.7	22.7	299.5	315.5	6.1	84.3	7.7	351.
7.7	2.5	2453.6	750.0	3.0	1.4	189.9	25.4	8.2	24.0	300.5	315.6	5.7	81.6	9.4	351.
9.4	3.4	2743.4	725.0	2.4	-0.2	210.1	27.6	13.9	23.9	302.1	316.4	5.2	81.2	9.5	354.
9.3	3.3	2927.2	700.0	1.1	-1.4	219.0	27.6	17.4	21.5	303.7	317.7	4.3	83.2	12.4	3.
9.3	3.4	3113.4	675.0	-0.2	-2.5	223.5	25.1	18.9	22.1	305.5	319.0	4.7	84.3	11.4	5.
12.7	3.3	3621.7	650.0	-0.2	-2.3	226.9	25.9	18.3	19.3	305.0	322.4	5.4	82.7	11.4	5.
12.3	-1.4	3933.2	625.0	-2.9	-3.9	230.2	26.0	18.3	16.7	306.1	322.4	5.9	82.7	12.7	9.
14.7	-1.4	4244.4	600.0	-4.4	-4.9	233.0	27.5	20.1	16.7	310.4	322.4	6.9	82.7	15.3	14.
16.2	4.0	4549.0	575.0	-6.5	-6.9	236.0	28.9	18.1	19.6	312.4	322.4	7.9	82.7	21.4	27.
16.5	4.0	4874.1	550.0	-8.3	-8.9	238.5	24.5	16.4	19.1	314.2	322.4	7.9	82.7	23.7	24.
21.7	5.4	5233.5	525.0	-12.6	-12.9	241.3	21.2	15.3	17.4	315.7	322.4	9.9	82.7	25.4	30.
23.2	5.4	5647.0	500.0	-13.0	-13.9	243.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	6050.0	475.0	-15.3	-15.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	6457.0	450.0	-15.4	-15.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	6874.0	425.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	7274.0	400.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	7674.0	375.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	8074.0	350.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	8474.0	325.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	8874.0	300.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	9274.0	275.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	9674.0	250.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	10074.0	225.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	10474.0	200.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	10874.0	175.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	11274.0	150.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	11674.0	125.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	12074.0	100.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	12474.0	75.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	12874.0	50.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	13274.0	25.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.
24.5	5.4	13674.0	0.0	-17.4	-17.9	245.6	21.6	16.3	21.1	317.2	322.4	9.9	82.7	25.4	31.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SLOPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS
10 APRIL 1979
1115 GMT

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	WX RTO GM/KG	RM PCT	RANGE KM	AZ DG
303	1400	710.0	911.2	6.1	5.1	140.0	8.2	-5.3	6.3	290.9	302.6	6.0	93.0	0.0	0
309	990	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
319	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
329	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
339	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
349	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
359	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
369	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
379	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
389	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
399	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
409	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
419	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
429	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
439	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
449	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
459	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
469	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
479	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
489	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
499	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
509	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
519	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
529	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
539	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
549	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
559	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
569	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
579	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
589	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
599	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
609	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
619	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
629	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
639	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
649	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
659	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
669	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
679	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
689	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
699	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
709	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
719	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
729	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
739	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
749	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
759	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 481
DODGE CITY, KANSAS
10 APRIL 1979
1415 GMT

TIME MIL	CNTCT	WEIGHT COM	PRCS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	PM MCT	RANGE KM	AZ DEG
000	1307	701.0	913.2	6.7	5.7	150.0	0.3	-4.7	0.1	297.2	354.0	6.3	93.0	0.0	0
009	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
018	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
027	99.9	99.9	953.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
036	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
045	14.6	831.5	923.7	5.3	4.3	153.9	14.2	-6.2	12.7	287.0	312.1	5.3	93.1	0.3	324
103	16.4	1113.3	975.0	3.7	2.9	162.4	17.2	-5.2	16.4	287.6	311.9	5.4	94.8	0.4	332
107	19.1	1347.7	950.0	2.9	2.1	175.0	20.6	-1.6	20.4	291.2	313.2	5.3	94.7	1.6	341
203	21.4	1501.7	925.0	2.7	1.9	195.3	21.5	2.0	21.4	291.4	315.7	5.3	94.5	2.5	349
303	23.6	1839.0	902.0	1.9	1.1	195.7	19.7	5.3	19.9	293.2	307.2	5.2	94.2	3.4	354
401	25.0	2094.5	775.0	2.1	-4.5	202.9	18.3	6.3	15.0	296.1	316.0	3.5	91.5	4.3	350
500	24.3	2362.3	743.0	2.3	-3.2	214.3	15.3	9.5	12.4	299.1	317.4	4.0	91.5	5.2	4
503	30.7	2675.9	725.0	1.9	-4.8	224.2	15.3	10.7	10.9	301.4	318.8	3.4	91.5	5.4	0
503	33.1	2917.7	709.0	-0.9	-7.3	224.9	18.5	11.7	11.7	301.6	318.8	3.2	91.0	6.3	13
703	39.5	3277.5	675.0	-2.7	-9.7	223.4	18.7	13.6	14.3	302.7	318.8	2.7	91.0	7.1	17
703	43.4	3513.4	625.0	-5.0	-12.5	225.7	19.6	14.9	15.7	303.4	318.8	2.7	91.0	8.1	21
800	43.1	4131.5	600.0	-6.9	-11.4	225.6	21.8	15.7	15.2	305.0	318.8	2.6	91.0	9.1	24
1103	45.9	4450.1	575.0	-8.6	-14.3	229.2	23.2	16.9	16.2	311.4	318.8	0.5	91.0	10.3	34
1303	49.4	4870.2	553.0	-11.1	-15.3	231.1	21.0	16.3	15.9	313.4	318.8	0.1	91.0	11.4	39
1401	51.3	5151.8	525.0	-12.6	-17.7	228.2	23.4	17.4	15.6	307.9	312.4	1.5	91.0	12.4	40
1503	54.1	5417.0	500.0	-15.7	-23.3	229.9	23.1	17.7	14.9	308.4	312.4	1.1	91.0	13.4	42
1604	57.0	5804.0	475.0	-21.5	-31.0	230.5	24.0	17.4	14.5	309.9	311.7	0.5	91.0	14.9	44
1700	62.7	6203.6	457.0	-24.3	-35.4	229.2	25.9	18.9	14.2	311.4	313.4	0.4	91.0	15.9	47
1803	63.1	6777.5	435.0	-27.6	-43.0	230.5	26.1	19.9	13.9	313.4	313.4	0.1	91.0	16.2	49
2003	65.1	7173.9	402.0	-31.6	-49.0	231.1	25.8	19.2	14.3	315.1	315.7	0.2	91.0	17.1	51
2201	69.6	7523.5	375.0	-35.2	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	18.2	52
2307	72.9	8070.1	350.0	-38.4	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	19.2	53
2504	75.4	8572.3	325.0	-44.2	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	20.2	54
2702	77.1	9174.9	300.0	-47.9	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	21.2	55
2903	84.0	9575.3	275.0	-51.2	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	22.2	56
3101	93.2	10297.5	250.0	-54.2	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	23.2	57
3302	92.4	10952.2	225.0	-56.5	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	24.2	58
3504	97.1	11713.5	200.0	-58.7	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	25.2	59
3702	102.7	12474.7	175.0	-60.7	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	26.2	60
4003	107.4	13326.6	150.0	-62.7	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	27.2	61
4403	113.4	14590.6	125.0	-65.0	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	28.2	62
4903	120.1	15944.4	100.0	-67.4	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	29.2	63
5402	123.7	17487.9	75.0	-69.5	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	30.2	64
5903	124.3	17487.9	50.0	-71.5	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	31.2	65
6403	124.3	17487.9	25.0	-73.5	-49.5	233.8	23.8	17.6	12.9	315.6	316.1	0.1	91.0	32.2	66

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TYPE HAVE BEEN INTERPOLATED
* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS10 APRIL 1979
1715 GMT

TIME MIN	CUTCY	HEIGHT CM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ RTO CM/SEC	SW PCT	RANGE KM	AZ DEG
0.2	1500	791.0	998.9	8.3	7.2	160.3	6.2	-2.8	7.7	299.3	307.7	7.1	93.0	0.0	20
99.9	99.9	1000.0	998.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.3	1500	791.0	998.9	7.3	6.9	149.5	11.9	-6.0	10.2	289.0	307.2	7.0	93.0	0.4	30.0
1.1	1504	1103.2	975.0	5.7	5.6	158.5	15.8	-5.4	17.8	289.7	307.0	6.5	93.1	7.9	31.0
1.9	2300	1343.4	953.3	4.9	4.7	173.0	15.0	-2.7	15.9	291.3	306.1	6.3	93.1	1.7	31.0
2.9	2304	1444.1	925.0	4.4	0.4	194.9	21.7	1.8	21.7	293.2	306.7	5.0	93.1	2.8	31.0
3.7	2304	1476.7	923.0	5.1	-9.1	193.7	21.5	3.8	20.2	300.0	307.0	2.4	93.0	3.9	31.0
4.7	2304	2053.2	775.0	6.9	-13.3	193.2	21.2	4.8	23.6	301.3	307.0	2.2	93.0	5.1	31.0
5.5	3101	2466.4	753.0	4.8	-11.0	199.8	26.4	6.9	19.2	301.8	306.3	2.2	93.0	6.2	31.0
9.5	3101	2461.9	725.0	2.6	-11.5	202.4	16.5	7.0	17.1	302.3	306.8	2.0	93.0	7.1	31.0
7.5	3004	2026.5	730.0	6.3	-13.0	202.9	17.8	6.9	18.4	302.9	306.8	2.0	93.0	9.2	31.0
9.4	3101	3216.9	674.0	-1.7	-17.5	206.2	16.3	7.2	18.6	303.2	306.5	1.6	93.1	9.1	31.0
10.3	4709	3411.9	653.0	-8.1	-17.8	204.9	17.5	7.3	18.4	304.3	306.1	1.2	93.1	10.0	31.0
11.0	4709	3721.7	625.0	-6.7	-19.7	207.6	18.1	7.3	18.6	304.7	306.1	1.4	93.1	11.7	31.0
12.4	5304	4139.0	600.0	-5.5	-19.4	205.5	18.6	8.0	16.8	305.1	306.3	1.4	93.1	12.1	31.0
13.5	5304	4466.3	575.0	-12.1	-19.8	208.6	21.5	9.4	16.0	305.8	310.4	1.5	93.2	13.3	31.0
14.7	5304	5156.0	552.0	-14.4	-22.0	212.8	25.4	12.1	16.3	306.8	310.4	1.2	93.1	14.6	31.0
15.9	6300	5521.1	509.0	-16.9	-33.2	211.9	25.1	12.9	19.1	306.7	310.4	0.2	93.1	15.3	31.0
17.1	6303	5701.5	475.0	-21.2	-32.7	207.6	25.2	10.3	19.7	309.9	310.4	0.2	93.1	16.8	31.0
19.3	6506	6299.2	450.0	-24.5	-50.7	206.6	21.7	9.7	19.4	312.5	312.2	0.1	93.1	17.4	31.0
20.9	7107	6711.7	425.0	-27.9	-75.7	204.7	23.1	9.7	23.0	313.3	314.7	0.4	93.1	20.9	31.0
22.1	7703	7406.7	413.0	-31.7	-75.9	203.2	25.9	9.4	23.0	313.2	314.7	0.3	93.1	22.5	31.0
23.9	8103	8036.6	350.0	-35.3	-50.2	207.5	25.2	11.1	21.4	315.0	315.4	0.1	93.1	24.4	31.0
25.2	8506	8576.5	325.0	-38.3	-50.9	210.9	27.6	14.2	23.7	315.8	315.8	0.9	93.1	25.4	31.0
25.9	9303	9173.2	300.0	-41.5	-59.9	209.5	28.2	13.0	24.5	315.4	315.4	0.9	93.1	31.2	31.0
26.9	9303	9173.2	275.0	-45.5	-59.9	209.9	28.9	13.4	24.3	317.1	315.4	0.9	93.1	31.2	31.0
28.9	9303	9173.2	250.0	-51.7	-59.9	210.8	31.1	16.4	27.4	317.4	315.4	0.9	93.1	37.4	31.0
30.9	9303	10230.7	240.0	-54.2	-59.9	210.6	31.4	20.2	25.4	317.4	315.4	0.9	93.1	41.5	31.0
33.9	133.2	10330.4	225.0	-55.3	-59.9	214.9	31.4	15.0	20.1	312.5	315.4	0.9	93.1	44.7	31.0
35.9	133.2	11722.3	203.0	-57.4	-59.9	208.1	31.3	14.7	20.4	315.9	315.4	0.9	93.1	45.1	31.0
37.9	111.1	12452.6	175.0	-58.4	-59.9	226.7	15.9	14.4	13.7	315.5	315.4	0.9	93.1	45.1	31.0
40.9	127.7	14433.2	150.0	-58.2	-59.9	216.2	26.6	16.0	23.1	316.6	315.4	0.9	93.1	45.1	31.0
43.9	127.7	14433.2	125.0	-58.2	-59.9	216.2	26.7	20.7	13.2	316.6	315.4	0.9	93.1	45.1	31.0
46.9	133.2	15137.7	103.0	-59.5	-59.9	224.1	15.1	14.2	13.6	414.5	315.4	0.9	93.1	45.1	31.0
51.4	143.7	17010.4	75.0	-52.4	-59.9	000.0	91.9	90.0	90.0	451.9	315.4	0.9	93.1	71.7	31.0
93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SMOO MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEND MEANS TEMPERATURE TO TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS10 APRIL 1979
2015 GMT

TIME MIN	CNTCT	WEIGHT GPM	PQES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX STD CM/SEC	PH DEG	RANGE KM	AZ DEG
000	14.4	7.1-1.0	907.0	11.7	9.6	170.0	6.7	-1.2	4.6	292.9	314.9	4.3	97.0	0.0	0.0
003	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
006	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
009	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
012	13.0	85.3	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
015	13.0	85.3	903.0	10.5	9.8	161.1	12.0	-3.9	11.3	292.4	313.3	8.0	92.3	0.3	32.0
018	17.2	1000.4	874.0	9.2	7.9	168.7	15.7	-2.5	17.5	293.7	317.5	7.6	91.2	0.6	31.0
021	13.5	1311.2	950.0	9.5	4.9	189.7	14.4	2.2	14.2	295.1	313.5	6.4	73.1	1.2	34.0
024	21.4	1579.4	925.0	9.0	-0.3	193.0	16.5	4.0	15.0	298.1	310.8	4.6	52.3	2.0	35.0
027	3.6	24.2	1473.6	6.6	-1.2	194.2	17.2	4.2	15.7	299.6	310.8	4.4	55.9	2.9	3.0
030	23.5	2071.9	775.0	5.2	-2.4	192.4	18.7	4.0	15.2	299.4	311.0	4.1	57.9	4.0	9.0
033	5.0	230.6	752.0	3.0	-4.0	198.9	22.3	3.4	22.1	299.8	311.6	3.8	52.8	5.2	7.0
036	31.3	2435.2	725.0	1.4	-5.5	191.6	25.7	5.2	25.2	301.5	311.6	3.5	55.7	6.6	9.0
039	33.4	2417.4	700.0	-1.5	-6.6	190.2	28.3	4.3	25.9	301.9	311.6	3.3	63.6	9.1	8.0
042	35.4	3277.1	674.0	-2.6	-7.1	188.9	25.3	4.1	25.0	302.8	312.5	3.3	71.1	9.4	8.0
045	34.9	1505.5	657.0	-4.9	-9.6	189.2	25.4	4.7	25.4	304.5	311.9	2.5	65.4	15.6	9.0
048	13.3	41.5	625.0	-7.0	-11.9	189.2	25.4	4.7	25.4	304.5	311.9	2.5	65.4	15.6	9.0
051	11.1	4130.3	620.0	-9.1	-15.9	190.7	26.2	4.9	25.7	305.6	311.2	1.9	53.7	16.3	9.0
054	45.4	4458.3	575.0	-11.4	-19.4	194.0	28.1	6.3	25.3	306.6	311.4	1.6	55.7	15.9	9.0
057	42.5	4737.9	553.0	-13.9	-23.2	196.2	28.9	7.0	25.9	307.6	310.9	1.1	45.1	17.5	10.0
060	14.7	5.4	524.0	-16.9	-27.1	196.0	25.7	7.1	25.7	308.1	310.7	0.9	42.6	17.3	12.0
063	55.4	5413.4	500.0	-20.0	-29.2	195.6	26.7	7.7	26.3	309.7	311.1	0.7	47.6	21.2	11.0
066	17.2	59.3	491.5	-23.0	-33.3	201.1	28.2	10.2	25.3	309.5	311.6	0.6	51.1	21.4	11.0
069	13.5	51.4	450.2	-26.4	-32.7	202.1	27.9	10.5	25.9	310.1	311.9	0.5	53.7	25.4	12.0
072	23.3	64.5	425.0	-29.4	-35.1	197.0	27.9	8.2	26.7	311.4	312.9	0.4	57.4	28.1	13.0
075	21.5	97.4	400.0	-32.7	-38.5	195.3	25.9	6.9	25.0	312.5	313.6	0.3	48.9	32.6	13.0
078	42.4	71.5-1.1	375.0	-37.0	-43.1	193.7	23.1	5.5	25.5	312.6	313.4	0.2	52.8	35.4	13.0
081	71.1	75.6-4	350.0	-41.0	-49.9	187.0	25.2	3.1	25.0	313.4	999.9	99.9	99.9	25.6	13.0
084	73.6	404.0-3	325.0	-45.6	-53.6	194.6	23.7	1.9	23.6	313.4	999.9	99.9	99.9	25.9	13.0
087	23.3	73.6	325.0	-48.1	-56.1	195.7	27.1	7.7	25.1	317.6	999.9	99.9	99.9	33.7	12.0
090	27.9	37.2-7	303.0	-48.1	-56.1	203.6	27.9	11.1	25.5	321.7	999.9	99.9	99.9	42.4	13.0
093	21.5	36.0	275.0	-52.4	-60.9	205.3	35.2	14.0	38.4	324.8	999.9	99.9	99.9	45.1	14.0
096	31.4	33.2	250.0	-52.0	-60.9	207.7	37.4	17.4	35.1	324.8	999.9	99.9	99.9	51.1	15.0
099	44.6	134.0-2	235.0	-54.8	-69.9	212.2	30.9	16.4	25.1	324.8	999.9	99.9	99.9	55.0	15.0
102	33.3	44.6	215.0	-57.5	-73.9	222.5	25.7	17.3	19.0	324.8	999.9	99.9	99.9	60.5	19.0
105	13.4	124.7-7	175.0	-56.5	-73.9	217.3	29.3	17.7	21.3	324.8	999.9	99.9	99.9	65.0	20.0
108	41.9	134.4	150.0	-56.5	-73.9	217.3	29.3	17.7	21.3	324.8	999.9	99.9	99.9	71.5	21.0
111	15.1	14731.5	125.0	-54.7	-73.9	999.9	999.9	99.9	99.9	324.8	999.9	99.9	99.9	99.9	99.9
114	13.3	16110.5	100.0	-56.5	-73.9	999.9	999.9	99.9	99.9	324.8	999.9	99.9	99.9	99.9	99.9
117	13.1	17925.9	75.0	-55.6	-73.9	999.9	999.9	99.9	99.9	324.8	999.9	99.9	99.9	99.9	99.9
120	33.9	99.9	59.0	-55.6	-73.9	99.9	99.9	99.9	99.9	324.8	999.9	99.9	99.9	99.9	99.9
123	49.0	99.9	25.0	-55.6	-73.9	99.9	99.9	99.9	99.9	324.8	999.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED
 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS
10 APRIL 1979
2315 GMT

TIME M14	CNTCY	HEIGHT GFW	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	MK RTO CM/KG	QW PCY	RANGE KM	AZ DG
30.3	15.5	791.0	973.0	12.2	17.6	132.0	10.3	-7.9	6.5	293.8	317.4	9.0	92.0	0.0	0.
30.9	15.0	789.9	1000.0	66.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
41.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
42.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
43.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
44.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
45.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
46.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
47.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
51.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
52.9	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
53.3	15.0	789.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

** BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

*** BY SPOD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS
11 APRIL 1979
005 GMT

TIME MIN	CATC	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POV T DEG K	E POV T DEG K	MR RTO CM/SEC	RM MCT	RANGE KM	AZ DEG
303	1507	701.0	921.5	80.9	70.8	153.0	9.3	-5.0	7.1	290.5	311.2	7.9	93.0	2.0	0
309	93.0	90.0	1000.0	99.9	90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
313	93.0	93.0	975.0	99.0	90.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
319	93.0	99.0	950.0	99.0	92.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
325	93.0	99.0	925.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
331	15.1	90.0	893.0	80.8	80.7	151.9	5.6	-5.9	7.6	290.6	311.2	7.9	93.3	2.1	356
337	15.5	103.0	975.0	70.3	70.3	154.9	12.3	-5.2	11.1	291.4	312.0	7.4	102.4	2.7	331
343	20.3	127.6	950.0	60.7	60.3	150.5	12.7	-4.7	12.8	292.8	311.7	7.1	102.8	1.3	374
349	23.1	152.0	825.0	40.1	30.3	172.3	12.4	-1.7	12.3	292.9	305.9	5.9	93.1	1.3	377
355	25.9	177.0	835.0	40.4	-40.5	187.1	13.5	1.7	13.4	295.8	304.8	5.2	49.9	2.5	344
361	29.3	229.6	775.0	30.4	-40.0	196.8	12.0	3.8	12.5	297.8	304.3	2.7	43.0	3.3	353
367	33.3	229.4	750.0	10.4	-111.4	202.7	11.4	4.4	10.5	298.1	304.4	2.1	37.7	3.0	355
373	33.4	256.4	725.0	-0.7	-110.4	192.5	13.9	2.8	12.6	299.7	303.7	1.7	33.4	4.4	350
379	30.1	284.5	705.0	-20.4	-23.9	185.4	15.5	1.5	15.4	299.8	302.2	0.9	17.2	5.2	340
385	30.1	313.9	675.0	-30.5	-32.2	183.8	12.9	1.0	15.0	301.9	301.9	0.0	1.0	5.2	0
391	31.0	343.7	650.0	-50.4	-43.7	189.7	17.3	2.7	17.1	302.4	302.8	0.1	1.1	7.1	1
397	31.0	373.5	625.0	-60.0	-54.9	198.7	15.1	6.1	18.1	303.4	303.5	0.0	1.3	4.2	3
403	31.0	402.0	600.0	-10.9	-55.2	205.9	21.9	9.5	19.7	303.6	303.7	0.0	1.1	9.3	5
409	31.0	432.0	575.0	-12.5	-51.6	209.1	25.1	12.2	21.9	304.2	304.4	0.1	2.3	10.4	9
415	35.1	477.3	550.0	-15.2	-48.6	210.9	31.3	16.1	26.9	304.9	305.2	0.1	4.2	12.9	12
421	39.1	524.3	525.0	-19.1	-52.3	212.8	38.3	20.7	32.2	306.6	306.9	0.1	4.2	15.3	15
427	43.1	572.0	500.0	-20.7	-48.9	210.0	42.9	21.9	39.0	307.2	308.6	0.2	16.1	17.7	19
433	47.1	619.3	475.0	-23.3	-27.4	206.1	42.3	21.3	43.4	309.1	311.4	0.7	17.3	20.7	12
439	51.1	673.0	450.0	-24.6	-31.3	204.5	45.3	20.4	44.9	309.8	311.4	0.6	16.9	24.9	23
445	55.1	720.1	425.0	-27.2	-34.3	202.9	45.4	19.1	45.6	310.4	312.0	0.5	15.8	28.9	21
451	59.1	768.4	400.0	-29.9	-37.9	199.4	45.0	18.3	46.2	311.1	312.3	0.4	15.5	33.1	21
457	63.1	815.9	375.0	-35.1	-43.3	199.5	50.3	15.9	47.4	311.2	312.0	0.2	15.2	38.2	21
463	67.1	863.4	350.0	-41.0	-49.9	203.0	51.0	15.9	46.9	313.5	309.9	0.9	15.9	43.9	21
469	71.1	910.9	325.0	-44.4	-44.4	204.2	47.2	15.6	43.7	315.5	309.9	0.9	15.9	47.9	21
475	75.1	958.9	300.0	-47.1	-49.9	203.9	47.2	18.2	43.2	319.0	309.0	0.9	15.9	53.1	21
481	79.1	1006.9	275.0	-49.7	-49.9	210.2	45.9	23.1	39.7	320.6	309.9	0.9	15.9	58.5	23
487	83.1	1054.4	250.0	-50.6	-49.9	210.2	34.9	21.6	30.2	330.6	309.9	0.9	15.9	63.4	23
493	87.1	1102.9	225.0	-51.5	-49.9	204.0	30.6	15.7	29.0	339.6	309.9	0.9	15.9	67.4	23
499	91.1	1150.9	200.0	-50.5	-49.9	204.1	31.6	15.7	35.2	352.8	309.9	0.9	15.9	73.4	23
505	95.1	1198.9	175.0	-52.4	-49.9	190.0	32.0	9.0	31.3	363.4	309.9	0.9	15.9	79.2	23
511	99.1	1246.9	150.0	-54.7	-49.9	215.5	22.9	13.9	19.4	375.8	309.9	0.9	15.9	83.3	23
517	103.1	1294.9	125.0	-57.9	-49.9	223.1	17.9	12.2	13.1	390.2	309.9	0.9	15.9	85.9	24
523	107.1	1342.9	100.0	-59.3	-49.9	229.3	15.0	10.5	7.0	419.0	309.9	0.9	15.9	92.9	25
529	111.1	1390.9	75.0	-58.0	-49.9	239.3	14.0	12.8	7.6	451.4	309.9	0.9	15.9	96.9	27
535	115.1	1438.9	50.0	-58.2	-49.9	246.9	21.3	19.4	8.4	506.3	309.9	0.9	15.9	103.9	29
541	119.1	1486.9	25.0	-53.4	-49.9	249.7	17.6	16.7	6.2	630.7	309.9	0.9	15.9	107.7	32

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486
TOPEKA, KANSAS

10 APRIL 1970
1105 GMT

TIME MID	CNTCT	WEIGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DEG K	E POT 7 DEG K	MAX WTD CM/KG	RM PCT	RANGE KM	AZ DEG
3:3	0.0	240.0	978.1	2.2	1.0	120.0	9.1	-3.0	0.9	277.1	237.9	4.2	92.7	0.0	0.0
3:3	49.9	90.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9
3:1	5.7	203.7	974.0	2.2	-0.2	108.4	6.4	-6.0	2.0	277.3	237.3	3.9	94.0	3.1	328.0
3:0	11.4	503.1	949.7	0.7	-1.1	127.5	9.6	-7.6	5.9	277.9	237.5	3.7	95.1	0.3	232.0
1:5	13.4	717.7	925.0	1.5	3.2	157.2	12.9	-3.9	11.4	280.9	231.0	4.2	96.7	0.8	337.0
2:2	15.7	940.3	902.0	5.6	2.4	180.6	13.1	0.1	13.1	287.3	237.7	5.1	98.1	1.3	324.0
3:0	15.2	1173.0	974.0	5.2	0.4	180.2	12.3	2.0	12.1	289.2	231.3	4.5	70.7	1.9	337.0
3:7	23.7	1407.5	950.0	4.5	-1.7	193.5	12.3	3.5	12.7	290.4	231.7	-0.9	64.1	2.3	345.0
3:4	23.1	1444.3	875.0	2.9	-4.5	194.2	13.5	4.2	12.8	291.7	230.9	3.3	55.3	2.9	352.0
3:3	23.7	1634.9	850.0	1.7	7.2	185.3	12.4	1.2	12.4	292.9	230.2	4.9	90.6	3.4	357.0
3:2	23.2	2155.1	775.0	1.3	-1.0	174.6	12.7	-1.2	12.4	295.2	237.9	4.4	94.7	4.0	347.0
3:2	33.4	2418.8	750.0	-0.2	-0.2	175.0	12.9	-1.1	12.9	296.4	238.3	5.9	170.9	4.6	346.0
3:7	33.4	2603.0	725.0	-1.9	-1.8	174.7	13.1	-1.2	13.0	297.5	238.3	4.6	101.3	5.3	356.0
3:7	33.4	2943.3	700.0	-3.7	-3.7	175.5	13.2	-1.0	13.2	298.4	238.1	4.2	101.0	5.0	355.0
3:7	33.4	3445.2	675.0	-5.3	-5.3	177.5	13.7	-0.5	13.7	299.5	238.1	3.9	102.2	6.9	354.0
3:5	41.4	3541.4	650.0	-6.4	-6.4	179.0	13.4	-0.2	13.4	301.7	238.2	3.6	101.2	7.4	354.0
11:6	48.3	3447.3	625.0	-8.3	-8.3	174.8	13.3	-0.4	13.4	301.7	238.2	3.6	101.2	7.4	354.0
12:5	47.1	4173.3	620.0	-10.4	-12.7	177.1	11.8	-0.6	11.7	303.2	238.1	2.9	97.2	9.4	357.0
12:5	50.2	4491.4	575.0	-12.7	-13.5	184.3	13.1	1.1	13.1	304.8	238.1	2.3	95.4	10.8	357.0
14:3	53.7	4817.7	535.0	-14.6	-15.0	194.6	14.5	3.6	14.0	306.6	238.1	2.2	95.4	10.9	356.0
15:3	59.0	5158.5	525.0	-17.2	-19.9	196.8	16.3	4.7	15.6	307.7	238.7	1.6	94.9	11.9	350.0
17:1	57.1	5572.0	500.0	-20.6	-24.7	193.7	17.6	4.2	17.1	307.9	238.7	0.9	94.1	13.9	350.0
18:4	52.4	5324.4	475.0	-23.3	-23.9	187.3	15.0	2.4	14.9	307.1	238.3	0.7	94.3	14.4	350.0
19:3	63.0	5734.0	450.0	-26.1	-31.3	174.1	21.2	-0.7	21.2	310.3	238.3	0.7	97.2	15.9	350.0
21:2	63.0	5734.0	425.0	-26.0	-33.0	176.9	21.6	-1.7	21.6	311.6	238.6	0.5	92.5	17.0	350.0
22:4	72.4	7165.2	400.0	-32.9	-39.1	151.0	25.2	0.4	25.1	312.3	238.4	0.3	91.6	19.7	350.0
23:0	75.1	7515.7	375.0	-36.7	-41.9	181.0	26.0	0.4	26.0	313.0	238.6	0.3	91.6	22.1	350.0
23:5	79.8	9290.1	350.0	-40.9	-43.9	176.9	26.4	-1.4	26.4	313.6	238.6	0.9	92.9	24.4	350.0
23:5	93.7	9593.3	325.0	-45.1	-49.0	177.4	24.5	-1.1	24.5	314.6	238.6	0.9	92.9	24.4	350.0
23:7	97.8	9120.3	300.0	-46.8	-49.9	175.4	21.3	-0.4	21.3	316.2	238.6	0.9	92.9	24.4	350.0
3:0	92.3	9403.0	275.0	-46.8	-49.9	185.9	21.6	2.4	21.6	323.1	238.6	0.9	92.9	24.4	350.0
3:4	95.5	10317.4	250.0	-50.4	-49.9	190.5	21.6	0.6	21.6	331.1	238.6	0.9	92.9	24.4	350.0
3:4	111.2	10607.6	225.0	-53.1	-49.9	213.2	21.0	12.5	19.3	337.2	238.6	0.9	92.9	24.4	350.0
3:4	110.4	11754.9	200.0	-54.4	-49.9	227.1	21.0	19.9	18.4	346.6	238.6	0.9	92.9	24.4	350.0
3:3	111.4	12590.4	175.0	-54.2	-49.9	237.1	21.1	22.9	14.7	352.3	238.6	0.9	92.9	24.4	350.0
4:1	117.5	13562.0	150.0	-54.5	-49.9	238.0	21.7	21.8	13.6	357.6	238.6	0.9	92.9	24.4	350.0
4:3	124.3	14702.2	125.0	-54.4	-49.9	248.5	21.8	22.7	11.1	367.4	238.6	0.9	92.9	24.4	350.0
4:3	131.7	15789.0	100.0	-66.6	-49.9	248.3	21.7	22.1	8.4	410.7	238.6	0.9	92.9	24.4	350.0
4:3	131.7	17454.1	75.0	-62.7	-49.9	257.0	21.5	20.1	4.3	441.5	238.6	0.9	92.9	24.4	350.0
5:0	133.5	23371.9	50.0	-58.1	-49.9	268.7	15.3	19.3	3.4	546.2	238.6	0.9	92.9	24.4	350.0
6:5	133.0	24743.0	25.0	-58.3	-49.9	268.5	15.6	16.6	0.2	649.1	238.6	0.9	92.9	24.4	350.0

* JV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* JV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** JV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
 TOPEKA, KANSAS

 19 APRIL 1979
 1225 GMT

156 11. 6

TIME MIN	CUTCT	HEIGHT GCM	PRES MM	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DG K	E POT Y DG K	WX RTO CM/KG	RM PCT	RANGE AZ RM	DZ DG
300	700	2950	999.1	205	207	11000	306	304	102	2790.9	2910.0	400	920.0	300	00
301	700	2950	1000.0	99.9	92.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
302	700	2950	999.0	305	303	12000	1105	305	604	2780.7	2890.6	300	700.1	0.2	2020
303	1003	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
304	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
305	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
306	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
307	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
308	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
309	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
310	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
311	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
312	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
313	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
314	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
315	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
316	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
317	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
318	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
319	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
320	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
321	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
322	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
323	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
324	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
325	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
326	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
327	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
328	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
329	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
330	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
331	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
332	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
333	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
334	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
335	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
336	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
337	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
338	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
339	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
340	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
341	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
342	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
343	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
344	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
345	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
346	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
347	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
348	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
349	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
350	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
351	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030
352	1005	2940.4	999.0	201	101	13000	1200	302	700	2790.3	2900.6	400	700.3	0.5	2030

 0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 12 DEG
 1 BY 7000 MEANS TEMPERATURE DG TIME HAVE BEEN INTERPOLATED
 2 BY 45 5000 MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS10 APRIL 1979
2005 GMT

TIME MIN	CATY	WEIGHT GMS	PRES MS	TEMP DE C	DEW PT DE C	DIR DEG	SP-SED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MR PTO CM/KG	MR DEG	RANGE KM	AZ DEG
303	301	265.2	974.8	10.6	7.8	110.0	7.7	-7.2	2.6	285.9	303.6	6.9	92.9	0.3	0
309	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
312	33.2	0.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
315	13.2	490.4	950.0	6.5	4.8	117.9	7.3	-7.9	4.2	285.8	302.8	5.7	92.6	0.4	290
1.5	12.4	700.4	925.0	6.2	4.6	114.9	9.9	-9.0	4.2	285.7	302.8	5.8	92.4	0.0	270
2.4	13.4	928.4	977.0	5.2	4.2	132.1	11.1	-8.2	7.4	286.9	302.0	5.8	92.4	1.4	270
3.2	16.4	1155.4	975.0	5.4	4.4	159.4	11.7	-4.1	10.9	289.5	305.4	6.2	92.4	1.9	320
4.1	19.1	1303.2	952.0	6.9	6.0	173.0	13.6	-1.3	12.5	293.4	311.9	6.9	92.5	2.4	310
5.0	21.4	1430.4	825.0	7.0	6.1	169.8	13.3	-2.3	17.1	296.0	315.4	7.2	92.0	3.0	320
5.3	23.7	1430.4	825.0	5.5	4.6	173.4	13.1	-1.5	14.0	297.1	315.3	5.7	92.7	3.6	320
6.9	27.0	2152.9	775.0	4.1	3.1	195.9	13.7	1.5	14.6	294.2	315.3	5.2	92.3	4.3	330
7.3	29.4	2412.1	725.0	2.0	0.1	192.2	13.7	3.5	16.4	298.8	313.2	5.2	92.2	5.2	340
8.3	33.4	2402.3	725.0	7.5	-1.2	190.3	13.6	5.4	16.4	300.0	313.4	4.4	92.5	6.0	340
9.3	33.3	2972.0	700.0	-3.7	-13.1	201.0	13.5	6.6	17.2	296.5	305.7	2.1	46.9	5.9	350
10.4	37.4	3243.4	675.0	-3.7	-20.7	202.2	13.1	6.5	15.8	301.5	304.7	1.1	25.4	7.9	350
11.3	1.3	3567.9	452.0	-5.4	-17.9	211.4	13.3	8.0	13.0	302.9	307.3	1.4	18.9	8.2	350
12.2	4.3	3863.2	425.0	-6.2	-11.5	223.2	13.5	9.9	13.6	305.4	313.0	2.4	65.9	9.9	30
13.4	4.3	4133.4	670.0	-8.5	-14.7	229.8	13.3	10.9	9.2	306.3	312.5	2.1	51.0	10.5	70
15.3	45.3	4512.4	675.0	-11.0	-17.2	226.5	13.6	12.9	10.9	307.1	312.4	1.7	62.3	11.3	160
15.4	46.1	4442.5	550.0	-13.1	-24.2	226.4	13.7	14.3	13.6	304.5	311.4	1.7	13.2	12.4	160
16.1	51.9	5276.2	525.0	-14.8	-35.5	222.7	23.9	15.6	16.9	310.6	311.9	0.3	15.2	13.4	170
17.3	54.5	5531.1	430.0	-18.2	-33.3	224.6	23.9	16.1	18.3	310.8	312.4	0.5	25.1	15.7	230
21.3	57.4	5946.1	475.0	-21.1	-39.1	228.4	23.2	17.0	14.6	311.9	312.4	0.3	18.7	17.5	230
22.4	59.4	5351.7	450.0	-23.2	-64.7	220.2	23.3	17.0	20.1	314.1	314.2	0.3	11.0	19.7	250
23.9	53.9	5747.4	425.0	-24.9	-49.2	220.9	27.4	18.0	20.9	314.7	315.1	0.1	11.0	22.2	250
25.5	57.1	7231.5	420.0	-27.4	-55.2	222.6	31.0	21.0	22.9	315.5	315.7	0.0	5.9	24.9	290
27.3	73.7	7656.0	175.0	-24.2	-64.4	224.3	33.9	23.0	23.5	316.2	316.3	0.0	3.0	28.3	300
28.3	74.0	9136.0	750.0	-24.2	-59.2	226.7	35.0	23.3	21.9	316.2	316.3	0.0	0.2	31.3	300
31.3	77.4	9473.7	325.0	-42.2	-69.9	226.4	35.1	23.2	22.1	317.7	316.9	0.9	818.5	34.7	330
32.5	31.3	3146.0	330.0	-47.7	-63.9	228.5	33.1	24.2	23.0	319.2	319.5	0.9	935.9	38.1	350
34.5	35.2	3742.4	275.0	-52.3	-63.9	228.4	35.6	27.0	23.2	319.5	319.5	0.9	935.9	42.1	350
35.3	39.2	1311.5	253.0	-57.5	-63.9	234.0	37.3	20.2	21.9	320.6	319.9	0.9	935.9	46.7	350
36.1	33.4	11023.3	225.0	-57.2	-63.9	234.0	31.2	25.3	19.3	320.9	319.9	0.9	935.9	51.4	350
1.3	33.1	11770.3	200.0	-57.8	-63.9	221.6	35.9	21.9	20.6	311.2	319.9	0.9	935.9	56.4	400
4.3	13.4	12415.1	175.0	-56.9	-63.9	223.9	35.4	21.9	20.6	311.2	319.9	0.9	935.9	61.4	400
4.3	13.4	13501.7	150.0	-56.7	-63.9	227.3	33.0	24.3	20.6	311.2	319.9	0.9	935.9	67.4	410
5.4	115.0	14741.7	125.0	-57.9	-63.9	248.2	27.9	24.3	20.6	311.2	319.9	0.9	935.9	73.4	420
5.3	122.0	14118.2	130.0	-67.8	-63.9	248.7	24.1	21.9	11.9	410.4	430.9	0.9	935.9	81.3	440
5.1	130.0	17037.4	75.0	-60.0	-63.9	252.2	24.1	23.9	7.4	447.1	490.9	0.9	935.9	87.2	460
7.1	140.0	23472.9	50.0	-53.3	-63.9	272.1	15.9	16.0	-0.6	503.7	500.9	0.9	935.9	97.1	460
9.9	30.0	99.9	25.3	95.5	90.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
 TOPERA, KANSAS

 11 APRIL 1979
 205 GMT

137 61.0

TIME MIN	CNTCT	WEIGHT GPM	DRSS MB	TEPP DG C	DEV PT DG C	DIR DG	SPLED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DG K	E POT V DG K	MX RTD GM/KG	SH PCT	RANGE KM	AZ DG
3.3	9.9	259.0	971.5	10.0	7.3	120.0	7.7	-6.7	3.0	295.5	303.6	6.6	83.0	0.0	0.
9.3	9.9	1000.0	971.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.0	13.0	971.5	971.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.0	13.0	971.5	971.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1.3	13.1	973.2	973.2	6.9	5.5	121.3	18.9	-15.1	9.8	236.0	301.9	6.1	73.4	1.0	32.0
2.4	13.4	999.0	973.2	4.4	4.4	125.5	24.9	-21.7	13.4	237.1	302.4	5.9	90.7	2.0	33.0
3.2	13.4	1129.3	973.2	4.6	4.4	135.2	25.7	-18.1	14.3	269.8	308.2	5.8	90.0	3.0	33.0
4.2	23.3	1345.3	950.0	5.3	4.3	143.9	25.4	-18.1	21.6	291.7	308.2	6.2	90.4	4.0	33.0
5.1	23.7	1413.7	925.0	5.5	4.4	151.9	23.6	-10.6	19.9	294.4	311.6	6.4	92.3	5.0	33.0
5.1	23.1	1427.9	890.0	3.2	1.3	146.6	17.7	-9.2	14.0	294.5	309.0	5.3	97.0	7.0	31.0
7.3	22.4	2117.3	775.0	1.3	-7.6	147.7	17.1	-10.0	12.6	295.2	309.3	4.8	87.6	9.0	31.0
9.4	32.2	2481.5	730.0	0.2	-10.4	147.7	17.1	-9.2	9.5	296.8	309.3	4.6	95.3	10.0	31.0
11.3	32.4	2933.4	705.0	-0.8	-12.2	130.3	10.1	-7.7	6.5	298.6	311.2	4.5	93.6	11.0	31.0
12.3	32.1	3222.1	675.0	-2.3	-13.9	137.7	13.4	-7.0	7.7	300.0	312.0	4.2	91.6	12.0	31.0
14.5	42.9	3221.3	575.0	-3.6	-15.0	142.9	12.1	-7.3	9.7	301.7	312.7	3.9	97.8	13.0	31.0
15.3	43.4	3224.4	525.0	-4.7	-16.7	144.7	12.4	-7.2	10.1	303.7	314.3	3.6	95.4	14.0	31.0
17.3	43.4	3224.4	525.0	-6.5	-18.4	147.7	11.4	-7.2	11.3	305.1	314.6	3.2	90.7	15.0	31.0
17.3	43.4	3224.4	525.0	-8.3	-19.4	147.7	11.4	-7.2	11.4	306.9	315.1	2.9	95.2	16.0	31.0
17.4	43.4	3224.4	525.0	-10.0	-21.8	147.7	11.4	-7.2	11.4	308.9	315.6	2.6	91.7	17.0	31.0
21.3	52.3	4139.3	545.0	-11.5	-23.9	150.9	10.0	-4.5	17.8	319.4	317.7	2.4	82.5	18.0	32.0
22.5	53.7	5174.7	525.0	-13.5	-25.0	171.3	2.8	-3.3	21.5	312.2	318.6	2.1	91.1	19.0	32.0
24.1	53.4	5433.9	500.0	-15.9	-26.6	177.5	2.9	-1.1	24.9	313.6	319.1	1.9	79.6	20.0	32.0
25.5	51.5	5929.0	475.0	-18.3	-28.1	183.1	24.5	1.4	29.4	315.4	320.2	1.5	75.5	21.0	32.0
25.3	51.4	5929.0	475.0	-20.9	-29.8	183.1	31.4	5.7	32.9	317.1	321.1	1.2	73.7	22.0	32.0
29.3	51.1	5929.0	475.0	-22.7	-31.0	183.1	31.4	10.3	30.0	319.6	321.9	1.0	73.7	23.0	32.0
32.3	73.1	7552.0	375.0	-24.4	-32.4	204.4	31.5	13.6	29.9	319.6	321.9	0.7	70.4	24.0	32.0
34.3	73.3	8137.2	350.0	-26.2	-33.3	198.4	34.0	11.3	30.5	320.7	322.6	0.5	67.7	25.0	32.0
37.7	92.7	8449.5	325.0	-28.3	-34.3	198.6	31.3	11.3	31.5	322.5	323.4	0.2	63.7	26.0	32.0
41.2	92.7	9122.7	300.0	-30.9	-35.9	198.6	31.3	9.1	36.8	323.4	323.4	0.0	53.9	27.0	32.0
42.3	92.7	9122.7	300.0	-33.8	-37.9	198.6	31.3	7.3	36.6	324.6	324.6	0.0	53.9	28.0	32.0
47.1	92.7	10494.3	250.0	-36.5	-39.9	192.2	43.5	8.6	39.6	325.1	325.1	0.0	53.9	29.0	32.0
50.5	103.0	11744.5	225.0	-39.9	-41.7	192.2	43.5	13.3	42.7	326.7	326.7	0.0	53.9	30.0	32.0
51.4	103.0	11744.5	225.0	-44.7	-43.4	192.2	43.5	27.0	42.1	331.0	326.7	0.0	53.9	31.0	32.0
53.3	113.5	12725.4	175.0	-41.5	-41.5	205.9	37.2	27.2	24.3	348.5	326.7	0.0	53.9	32.0	32.0
67.2	113.5	13445.5	130.0	-50.1	-52.0	224.4	23.7	20.1	20.5	366.4	326.7	0.0	53.9	33.0	32.0
75.1	121.0	14749.7	125.0	-50.7	-52.0	234.0	23.7	22.5	15.2	366.4	326.7	0.0	53.9	34.0	32.0
97.5	132.3	16197.7	100.0	-50.0	-52.0	234.0	23.7	22.5	15.2	366.4	326.7	0.0	53.9	35.0	32.0
102.4	132.7	17231.2	75.0	-52.0	-52.0	234.0	23.7	22.5	15.2	366.4	326.7	0.0	53.9	36.0	32.0
99.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
99.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9

4 BY SPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

4 BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

4 BY SPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPERA, KANSAS

11 APRIL 1979
505 GMT

TIME	UNTCY	HEIGHT	RRQS	TEMP	DW PT	DIR	SPEED	U COMP	V COMP	POT T	E DCT	MR RT3	SW	RANGE	AZ
MIN		CM	MM	CC C	CC C	DC	M/SEC	M/SEC	M/SEC	OC K	DC K	CM/NG	PCY	MM	DEG
000	300	25800	07300	603	707	1200	602	-504	301	2810	31104	608	9400	703	90
005	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
010	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
015	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
020	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
025	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
030	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
035	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
040	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
045	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
050	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
055	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
060	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
065	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
070	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
075	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
080	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
085	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
090	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
095	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
100	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
105	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
110	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
115	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
120	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
125	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
130	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
135	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
140	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
145	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
150	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
155	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
160	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
165	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
170	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
175	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
180	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
185	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
190	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
195	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
200	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
205	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
210	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
215	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
220	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
225	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
230	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
235	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
240	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
245	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
250	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
255	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
260	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
265	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
270	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
275	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
280	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
285	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
290	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
295	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90
300	300	25800	07300	603	600	900	900	900	900	900	900	900	900	900	90

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 486
TOPERA, KANSAS11 APRIL 1979
8:55 GMT

TIME MIL	CUTCT	WIGHT GPM	PRTS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO GM/KG	RM PCT	RANGE KM	AZ DG
003	007	208.0	7.45	7.8	7.2	130.0	1.1	-3.9	3.3	283.5	330.5	0.4	95.0	3.0	0.
004	008	99.0	100.0	90.0	90.0	99.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
005	009	99.0	99.0	99.0	99.0	99.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
006	010	427.8	950.0	9.1	6.6	99.0	99.9	99.9	99.9	285.2	302.2	5.5	90.2	99.9	99.9
007	011	649.0	920.0	7.4	6.3	99.0	99.9	99.9	99.9	286.9	303.0	6.5	92.4	99.9	99.9
008	012	975.4	910.0	10.3	7.7	132.6	16.0	-8.3	16.0	292.1	311.6	7.4	94.1	1.7	31.2
009	013	1110.1	975.0	9.8	5.2	135.1	14.1	-4.7	17.5	294.0	312.2	6.9	98.0	2.7	32.3
010	014	1351.4	950.0	9.2	6.0	175.5	14.7	-1.3	16.4	295.5	314.5	6.9	90.4	3.6	33.1
011	015	1599.5	925.0	7.2	5.0	178.0	11.0	-1.0	15.0	296.2	314.2	6.7	95.0	4.4	33.6
012	016	1811.0	900.0	5.2	4.0	180.5	10.5	0.1	10.5	297.9	315.3	5.4	95.9	4.9	33.9
013	017	2111.7	875.0	4.4	2.2	177.1	11.8	-0.5	10.8	298.7	314.8	5.8	94.9	5.3	34.1
014	018	2374.6	850.0	3.2	0.9	172.3	11.6	-1.4	11.5	300.0	315.3	5.5	95.2	5.3	34.3
015	019	2653.9	825.0	2.6	0.7	169.5	11.6	-2.5	13.3	302.3	318.0	5.6	97.0	7.1	34.4
016	020	2937.4	800.0	1.1	-0.8	175.3	14.4	-1.3	16.3	303.7	318.4	5.2	97.4	7.1	34.4
017	021	3220.4	775.0	-0.7	-3.0	184.2	16.0	2.7	18.9	304.9	319.0	4.5	94.4	7.9	34.6
018	022	3503.3	750.0	-2.7	-4.9	198.7	21.8	7.9	22.7	306.0	317.4	4.1	94.7	13.1	35.0
019	023	3786.2	725.0	-4.4	-6.3	205.9	24.5	10.7	25.0	307.4	317.1	3.1	94.2	13.2	35.3
020	024	4069.1	700.0	-6.3	-12.9	213.2	27.3	13.8	21.1	309.9	316.0	2.6	95.3	12.4	35.8
021	025	4352.0	675.0	-9.0	-17.9	214.7	29.3	15.6	22.5	309.5	314.6	1.6	94.8	14.1	36
022	026	4634.9	650.0	-11.1	-23.8	216.9	31.4	18.9	25.1	310.9	314.1	1.0	94.1	15.9	36
023	027	4917.8	625.0	-14.1	-29.4	219.4	34.5	24.4	29.7	311.5	313.7	0.7	94.3	17.3	36
024	028	5200.7	600.0	-16.6	-35.3	220.6	41.7	28.4	33.2	312.5	315.7	0.9	94.2	20.2	36
025	029	5483.6	575.0	-19.8	-41.3	220.4	43.7	32.9	36.2	314.7	316.5	0.5	94.3	23.7	36
026	030	5766.5	550.0	-22.3	-47.3	219.1	46.9	36.6	39.0	315.2	317.1	0.6	94.7	26.7	36
027	031	6049.4	525.0	-24.6	-53.1	217.5	49.9	40.6	41.9	317.1	319.2	0.6	94.5	29.7	36
028	032	6332.3	500.0	-27.0	-59.4	208.9	51.9	44.6	43.9	319.1	319.5	0.4	94.4	32.0	36
029	033	6615.2	475.0	-30.5	-65.3	203.7	47.2	48.1	45.5	319.1	320.2	0.4	94.9	34.0	36
030	034	6898.1	450.0	-33.1	-71.2	200.0	41.2	51.9	43.2	320.9	322.2	0.4	94.9	36.0	36
031	035	7181.0	425.0	-35.6	-77.1	196.7	41.1	51.9	41.2	322.8	323.9	0.4	94.9	38.0	36
032	036	7463.9	400.0	-38.1	-83.0	196.7	41.1	51.9	39.5	322.8	323.9	0.4	94.9	40.0	36
033	037	7746.8	375.0	-40.6	-88.9	196.7	41.1	51.9	37.9	323.9	323.9	0.4	94.9	42.0	36
034	038	8029.7	350.0	-43.1	-94.8	201.1	41.1	51.9	36.3	325.0	325.0	0.4	94.9	44.0	36
035	039	8312.6	325.0	-45.6	-100.7	201.1	41.1	51.9	34.7	325.0	325.0	0.4	94.9	46.0	36
036	040	8595.5	300.0	-48.1	-106.6	201.1	41.1	51.9	33.1	325.0	325.0	0.4	94.9	48.0	36
037	041	8878.4	275.0	-50.6	-112.5	201.1	41.1	51.9	31.5	325.0	325.0	0.4	94.9	50.0	36
038	042	9161.3	250.0	-53.1	-118.4	201.1	41.1	51.9	30.0	325.0	325.0	0.4	94.9	52.0	36
039	043	9444.2	225.0	-55.6	-124.3	201.1	41.1	51.9	28.4	325.0	325.0	0.4	94.9	54.0	36
040	044	9727.1	200.0	-58.1	-130.2	201.1	41.1	51.9	26.8	325.0	325.0	0.4	94.9	56.0	36
041	045	10010.0	175.0	-60.6	-136.1	201.1	41.1	51.9	25.2	325.0	325.0	0.4	94.9	58.0	36
042	046	10292.9	150.0	-63.1	-142.0	201.1	41.1	51.9	23.6	325.0	325.0	0.4	94.9	60.0	36
043	047	10575.8	125.0	-65.6	-147.9	201.1	41.1	51.9	22.0	325.0	325.0	0.4	94.9	62.0	36
044	048	10858.7	100.0	-68.1	-153.8	201.1	41.1	51.9	20.4	325.0	325.0	0.4	94.9	64.0	36
045	049	11141.6	75.0	-70.6	-159.7	201.1	41.1	51.9	18.8	325.0	325.0	0.4	94.9	66.0	36
046	050	11424.5	50.0	-73.1	-165.6	201.1	41.1	51.9	17.2	325.0	325.0	0.4	94.9	68.0	36
047	051	11707.4	25.0	-75.6	-171.5	201.1	41.1	51.9	15.6	325.0	325.0	0.4	94.9	70.0	36
048	052	11990.3	0.0	-78.1	-177.4	201.1	41.1	51.9	14.0	325.0	325.0	0.4	94.9	72.0	36
049	053	12273.2	0.0	-80.6	-183.3	201.1	41.1	51.9	12.4	325.0	325.0	0.4	94.9	74.0	36
050	054	12556.1	0.0	-83.1	-189.2	201.1	41.1	51.9	10.8	325.0	325.0	0.4	94.9	76.0	36
051	055	12839.0	0.0	-85.6	-195.1	201.1	41.1	51.9	9.2	325.0	325.0	0.4	94.9	78.0	36
052	056	13121.9	0.0	-88.1	-201.0	201.1	41.1	51.9	7.6	325.0	325.0	0.4	94.9	80.0	36
053	057	13404.8	0.0	-90.6	-206.9	201.1	41.1	51.9	6.0	325.0	325.0	0.4	94.9	82.0	36
054	058	13687.7	0.0	-93.1	-212.8	201.1	41.1	51.9	4.4	325.0	325.0	0.4	94.9	84.0	36
055	059	13970.6	0.0	-95.6	-218.7	201.1	41.1	51.9	2.8	325.0	325.0	0.4	94.9	86.0	36
056	060	14253.5	0.0	-98.1	-224.6	201.1	41.1	51.9	1.2	325.0	325.0	0.4	94.9	88.0	36
057	061	14536.4	0.0	-100.6	-230.5	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	90.0	36
058	062	14819.3	0.0	-103.1	-236.4	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	92.0	36
059	063	15102.2	0.0	-105.6	-242.3	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	94.0	36
060	064	15385.1	0.0	-108.1	-248.2	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	96.0	36
061	065	15668.0	0.0	-110.6	-254.1	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	98.0	36
062	066	15950.9	0.0	-113.1	-260.0	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	100.0	36
063	067	16233.8	0.0	-115.6	-265.9	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	102.0	36
064	068	16516.7	0.0	-118.1	-271.8	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	104.0	36
065	069	16799.6	0.0	-120.6	-277.7	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	106.0	36
066	070	17082.5	0.0	-123.1	-283.6	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	108.0	36
067	071	17365.4	0.0	-125.6	-289.5	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	110.0	36
068	072	17648.3	0.0	-128.1	-295.4	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	112.0	36
069	073	17931.2	0.0	-130.6	-301.3	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	114.0	36
070	074	18214.1	0.0	-133.1	-307.2	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	116.0	36
071	075	18497.0	0.0	-135.6	-313.1	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	118.0	36
072	076	18779.9	0.0	-138.1	-319.0	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	120.0	36
073	077	19062.8	0.0	-140.6	-324.9	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	122.0	36
074	078	19345.7	0.0	-143.1	-330.8	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	124.0	36
075	079	19628.6	0.0	-145.6	-336.7	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	126.0	36
076	080	19911.5	0.0	-148.1	-342.6	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	128.0	36
077	081	20194.4	0.0	-150.6	-348.5	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	130.0	36
078	082	20477.3	0.0	-153.1	-354.4	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	132.0	36
079	083	20760.2	0.0	-155.6	-360.3	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	134.0	36
080	084	21043.1	0.0	-158.1	-366.2	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	136.0	36
081	085	21326.0	0.0	-160.6	-372.1	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	138.0	36
082	086	21608.9	0.0	-163.1	-378.0	201.1	41.1	51.9	0.0	325.0	325.0	0.4	94.9	140.0	36
083	087	21891.8	0.0	-165.6	-383.9	201.									

STATION NO. 456
TOPERA, KANSAS11 APRIL 1979
1105 GMT

TIME MIN	CNCT	HEIGHT GFW	PRES WS	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	PO T DG K	E POT Y DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
0.0	3.9	759.0	955.3	8.3	8.2	110.0	0.2	0.9	2.1	284.3	302.4	7.1	92.0	0.0	0
1.0	3.3	92.3	1000.0	99.9	97.9	99.0	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2.0	3.5	11.2	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.0	1.3	432.6	947.0	8.6	7.5	99.9	99.9	99.9	99.9	295.0	302.6	6.7	92.7	99.9	99.9
4.0	1.3	13.7	925.3	9.9	8.8	99.9	99.9	99.9	99.9	289.4	309.5	7.7	93.2	99.9	99.9
5.0	1.5	95.1	977.0	12.5	12.3	167.2	22.7	5.1	22.2	294.4	317.7	8.9	93.5	1.7	326
6.0	1.7	109.7	975.0	12.5	9.0	172.1	23.0	3.1	22.4	297.0	318.4	7.7	93.4	2.7	335
7.0	1.6	133.4	950.0	12.3	6.4	182.1	13.5	0.7	19.5	299.0	318.7	7.1	93.3	3.9	341
8.0	2.0	143.3	925.0	10.3	3.9	189.7	13.0	3.2	19.7	299.5	318.5	6.2	94.4	4.9	346
9.0	2.2	144.8	927.0	9.7	2.2	191.8	13.7	3.4	19.3	300.5	316.2	5.3	93.4	5.4	353
10.0	2.4	217.3	975.0	7.7	1.0	199.3	13.3	2.7	15.1	301.7	316.7	5.3	94.2	5.2	353
11.0	2.5	218.4	950.0	5.9	-1.5	191.5	14.2	2.4	13.9	302.0	316.0	4.6	93.3	5.9	354
12.0	3.0	254.7	925.0	4.2	-1.5	199.4	12.3	4.1	11.4	304.1	314.3	3.5	93.0	7.4	357
13.0	3.4	231.2	920.0	2.0	-0.7	199.5	13.3	4.2	12.6	304.7	313.1	2.8	94.4	9.2	359
14.0	3.7	312.4	874.3	-0.4	-0.0	197.9	13.5	4.8	14.7	305.2	313.7	2.9	92.2	9.9	360
15.0	3.4	422.1	853.0	-3.1	-0.0	197.4	14.2	5.8	18.3	305.5	314.2	3.0	93.7	9.9	360
16.0	4.2	313.1	820.0	-6.0	-0.7	200.6	22.3	7.8	20.8	305.6	315.7	3.4	94.0	11.9	360
17.0	4.5	442.7	795.0	-7.7	-0.0	201.9	24.7	9.2	22.9	307.2	317.5	3.5	94.1	12.4	360
18.0	4.7	442.7	770.0	-9.3	-0.6	199.9	27.2	9.2	25.5	309.9	318.6	3.6	97.0	13.9	360
19.0	5.1	518.1	757.0	-12.7	-11.0	198.1	31.4	9.4	28.9	311.4	320.5	3.0	97.9	15.4	360
20.0	5.3	442.7	725.0	-15.4	-15.3	201.6	31.4	11.2	24.3	309.9	316.2	2.0	97.4	17.3	360
21.0	5.1	542.7	702.0	-18.3	-21.3	210.6	35.1	17.9	37.2	310.7	315.1	1.4	97.4	19.5	360
22.0	5.1	702.7	674.0	-21.8	-22.6	215.0	34.6	20.4	32.6	311.0	312.7	3.5	95.7	22.4	360
23.0	5.2	532.4	650.0	-24.3	-26.7	213.0	42.3	23.0	35.5	312.7	316.0	0.4	95.2	25.9	360
24.0	5.3	477.4	625.0	-26.7	-27.4	207.2	43.3	20.2	39.4	314.8	316.1	0.4	95.2	29.9	360
25.0	5.4	718.4	600.0	-29.9	-33.5	203.3	45.3	17.9	41.6	316.3	317.4	0.3	94.0	33.4	360
26.0	5.4	763.9	575.0	-32.7	-37.0	204.9	52.0	21.9	47.1	317.3	317.4	0.2	94.0	37.4	360
27.0	5.4	811.4	550.0	-37.1	-45.6	204.7	53.28	26.6	52.9	318.4	319.0	0.1	92.8	42.5	360
28.0	5.4	842.5	525.0	-40.4	-49.3	203.6	63.68	25.5	59.3	321.0	320.0	0.9	92.6	42.5	360
29.0	5.4	915.7	500.0	-43.8	-52.4	198.7	72.89	22.7	67.1	323.7	320.9	0.9	92.6	42.5	360
30.0	5.4	974.9	475.0	-46.3	-55.9	195.4	63.18	18.4	65.7	323.9	320.9	0.9	92.6	42.5	360
31.0	5.4	1029.1	450.0	-50.0	-59.9	196.2	62.88	17.5	62.3	325.8	320.9	0.9	92.6	42.5	360
32.0	5.4	1074.4	425.0	-53.5	-63.0	203.3	67.18	26.5	51.7	328.9	320.9	0.9	92.6	42.5	360
33.0	5.4	1129.1	400.0	-57.0	-67.0	204.2	57.74	24.0	50.9	337.7	320.9	0.9	92.6	42.5	360
34.0	5.4	1184.4	375.0	-60.0	-70.0	204.2	57.74	24.0	50.9	337.7	320.9	0.9	92.6	42.5	360
35.0	5.4	1239.1	350.0	-63.4	-73.4	213.4	47.18	21.9	32.4	345.3	320.9	0.9	92.6	42.5	360
36.0	5.4	1294.2	325.0	-67.0	-77.0	214.9	35.9	21.1	30.2	370.3	320.9	0.9	92.6	42.5	360
37.0	5.4	1349.1	300.0	-70.7	-80.7	214.9	22.69	18.4	19.4	370.3	320.9	0.9	92.6	42.5	360
38.0	5.4	1404.2	275.0	-74.0	-84.0	214.9	16.7	16.7	16.7	411.9	320.9	0.9	92.6	42.5	360
39.0	5.4	1459.1	250.0	-77.0	-87.0	214.9	13.7	13.7	13.7	447.3	320.9	0.9	92.6	42.5	360
40.0	5.4	1514.2	225.0	-80.0	-90.0	214.9	10.7	10.7	10.7	482.7	320.9	0.9	92.6	42.5	360
41.0	5.4	1569.1	200.0	-83.0	-93.0	214.9	7.7	7.7	7.7	518.1	320.9	0.9	92.6	42.5	360
42.0	5.4	1624.2	175.0	-86.0	-96.0	214.9	4.7	4.7	4.7	553.5	320.9	0.9	92.6	42.5	360
43.0	5.4	1679.1	150.0	-89.0	-99.0	214.9	1.7	1.7	1.7	588.9	320.9	0.9	92.6	42.5	360
44.0	5.4	1734.2	125.0	-92.0	-102.0	214.9	0.7	0.7	0.7	624.3	320.9	0.9	92.6	42.5	360
45.0	5.4	1789.1	100.0	-95.0	-105.0	214.9	0.7	0.7	0.7	659.7	320.9	0.9	92.6	42.5	360
46.0	5.4	1844.2	75.0	-98.0	-108.0	214.9	0.7	0.7	0.7	695.1	320.9	0.9	92.6	42.5	360
47.0	5.4	1899.1	50.0	-101.0	-111.0	214.9	0.7	0.7	0.7	730.5	320.9	0.9	92.6	42.5	360
48.0	5.4	1954.2	25.0	-104.0	-114.0	214.9	0.7	0.7	0.7	765.9	320.9	0.9	92.6	42.5	360
49.0	5.4	2009.1	0.0	-107.0	-117.0	214.9	0.7	0.7	0.7	801.3	320.9	0.9	92.6	42.5	360
50.0	5.4	2064.2	0.0	-110.0	-120.0	214.9	0.7	0.7	0.7	836.7	320.9	0.9	92.6	42.5	360

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO

10 APRIL 1979
1105 GMT

142 110 0

[illegible]

• BY 50°C MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
• BY 10°C MEANS ELEVATION ANGLE BETWEEN 10 AND 15 DEG
• BY 50°C MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO10 APRIL 1979
1400 GMT

TIME MIN	CATCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WIND GN/KG	RM PCT	RANGE KM	AZ DEG
3.3	23.6	1411.3	819.0	5.6	1.2	350.0	4.0	0.0	-4.5	295.2	309.2	7.1	71.0	0.7	0.
9.3	23.9	92.0	1000.0	55.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	975.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	950.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	925.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	900.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	875.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	850.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	825.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	800.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	775.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	750.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	725.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	700.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	675.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	650.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	625.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	600.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	575.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	550.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	525.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	500.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	475.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	450.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	425.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	400.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	375.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	350.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	325.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	300.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	275.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	250.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	225.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	200.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	175.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	150.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	125.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	100.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	75.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	50.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
9.3	23.9	92.0	25.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 15 DEG
 * BY TEMP MEANS TEMPERATURE AT TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO

10 APRIL 1970
1705 GMT

[illegible]

• 3V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
• 3V TEND MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
• 4V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 449
DENVER, COLORADO10 APRIL 1979
2325 GMT

136 13. 0

TIME MID	CNTCT	WEIGHT GPM	PRTS MR	TEMP DE C	DEW PT DE C	DIP DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT V DE K	E POT V DE K	MR RTO CM/KG	BM PCT	RANGE KM	AZ DEG
3.0	23.3	1611.0	914.0	5.0	3.2	310.0	1.6	3.5	-3.0	295.0	310.1	5.5	82.0	0.0	0.
3.1	23.3	99.0	1030.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
3.2	23.3	99.0	975.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
3.3	23.3	99.0	953.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
3.4	23.3	99.0	925.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
3.5	23.3	99.0	900.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
3.6	23.3	99.0	875.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
3.7	23.3	99.0	850.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
3.8	23.3	99.0	825.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
3.9	23.3	99.0	800.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
4.0	23.3	99.0	775.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
4.1	23.3	99.0	750.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
4.2	23.3	99.0	725.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
4.3	23.3	99.0	700.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
4.4	23.3	99.0	675.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
4.5	23.3	99.0	650.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
4.6	23.3	99.0	625.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
4.7	23.3	99.0	600.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
4.8	23.3	99.0	575.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
4.9	23.3	99.0	550.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
5.0	23.3	99.0	525.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
5.1	23.3	99.0	500.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
5.2	23.3	99.0	475.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
5.3	23.3	99.0	450.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
5.4	23.3	99.0	425.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
5.5	23.3	99.0	400.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
5.6	23.3	99.0	375.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
5.7	23.3	99.0	350.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
5.8	23.3	99.0	325.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
5.9	23.3	99.0	300.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
6.0	23.3	99.0	275.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
6.1	23.3	99.0	250.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
6.2	23.3	99.0	225.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
6.3	23.3	99.0	200.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
6.4	23.3	99.0	175.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
6.5	23.3	99.0	150.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
6.6	23.3	99.0	125.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
6.7	23.3	99.0	100.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
6.8	23.3	99.0	75.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
6.9	23.3	99.0	50.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0
7.0	23.3	99.0	25.0	9.0	9.0	99.0	9.0	9.0	9.0	99.0	99.0	9.0	99.0	99.0	99.0

* 3V SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 * BY 72ND MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
 * 3V SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO
11 APRIL 1976
205 GMT

TIME MID	CNFC	HEIGHT GMS	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG K	E POT Y DEG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DEG
30.3	23.1	1611.0	814.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
30.9	23.9	1609.9	813.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
31.5	24.5	1608.9	812.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
32.1	25.1	1607.9	811.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
32.7	25.7	1606.9	810.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
33.3	26.3	1605.9	809.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
33.9	26.9	1604.9	808.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
34.5	27.5	1603.9	807.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
35.1	28.1	1602.9	806.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
35.7	28.7	1601.9	805.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
36.3	29.3	1600.9	804.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
36.9	29.9	1599.9	803.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
37.5	30.5	1598.9	802.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
38.1	31.1	1597.9	801.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
38.7	31.7	1596.9	800.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
39.3	32.3	1595.9	799.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
39.9	32.9	1594.9	798.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
40.5	33.5	1593.9	797.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
41.1	34.1	1592.9	796.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
41.7	34.7	1591.9	795.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
42.3	35.3	1590.9	794.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
42.9	35.9	1589.9	793.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
43.5	36.5	1588.9	792.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
44.1	37.1	1587.9	791.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
44.7	37.7	1586.9	790.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
45.3	38.3	1585.9	789.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
45.9	38.9	1584.9	788.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
46.5	39.5	1583.9	787.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
47.1	40.1	1582.9	786.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
47.7	40.7	1581.9	785.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
48.3	41.3	1580.9	784.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
48.9	41.9	1579.9	783.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
49.5	42.5	1578.9	782.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
50.1	43.1	1577.9	781.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
50.7	43.7	1576.9	780.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
51.3	44.3	1575.9	779.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
51.9	44.9	1574.9	778.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
52.5	45.5	1573.9	777.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
53.1	46.1	1572.9	776.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
53.7	46.7	1571.9	775.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
54.3	47.3	1570.9	774.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
54.9	47.9	1569.9	773.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
55.5	48.5	1568.9	772.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
56.1	49.1	1567.9	771.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
56.7	49.7	1566.9	770.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
57.3	50.3	1565.9	769.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
57.9	50.9	1564.9	768.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
58.5	51.5	1563.9	767.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
59.1	52.1	1562.9	766.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
59.7	52.7	1561.9	765.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
60.3	53.3	1560.9	764.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
60.9	53.9	1559.9	763.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
61.5	54.5	1558.9	762.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
62.1	55.1	1557.9	761.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
62.7	55.7	1556.9	760.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
63.3	56.3	1555.9	759.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
63.9	56.9	1554.9	758.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
64.5	57.5	1553.9	757.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
65.1	58.1	1552.9	756.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
65.7	58.7	1551.9	755.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
66.3	59.3	1550.9	754.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
66.9	59.9	1549.9	753.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
67.5	60.5	1548.9	752.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
68.1	61.1	1547.9	751.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
68.7	61.7	1546.9	750.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
69.3	62.3	1545.9	749.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
69.9	62.9	1544.9	748.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
70.5	63.5	1543.9	747.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
71.1	64.1	1542.9	746.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
71.7	64.7	1541.9	745.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
72.3	65.3	1540.9	744.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
72.9	65.9	1539.9	743.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
73.5	66.5	1538.9	742.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
74.1	67.1	1537.9	741.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
74.7	67.7	1536.9	740.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
75.3	68.3	1535.9	739.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
75.9	68.9	1534.9	738.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
76.5	69.5	1533.9	737.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
77.1	70.1	1532.9	736.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
77.7	70.7	1531.9	735.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
78.3	71.3	1530.9	734.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
78.9	71.9	1529.9	733.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
79.5	72.5	1528.9	732.0	5.0	2.5	340.0	5.1	0.0	-5.1	295.0	310.4	5.7	94.0	9.3	0.
80.1	73.1	1527.9	731.0												

STATION NO. 469
DENVER, COLORADO

11 APRIL 1979
SUS GMT

TIME MIN	CNT	WGT GPM	WRS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SHED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WZ WTS GM/KG	AM PCT	RANGE KM	AZ DEG
300	23.5	1011.0	910.4	5.0	2.9	70.0	7.7	-7.2	-2.4	295.0	310.7	5.8	95.9	7.3	90
305	23.0	990.0	1500.3	7.9	40.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
310	23.0	990.0	975.3	7.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
315	23.0	990.0	952.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
320	23.0	990.0	925.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
325	23.0	990.0	900.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
330	23.0	990.0	875.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
335	23.0	990.0	850.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
340	23.0	990.0	825.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
345	23.0	990.0	800.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
350	23.0	990.0	775.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
355	23.0	990.0	750.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
360	23.0	990.0	725.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
365	23.0	990.0	700.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
370	23.0	990.0	675.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
375	23.0	990.0	650.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
380	23.0	990.0	625.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
385	23.0	990.0	600.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
390	23.0	990.0	575.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
395	23.0	990.0	550.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
400	23.0	990.0	525.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
405	23.0	990.0	500.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
410	23.0	990.0	475.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
415	23.0	990.0	450.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
420	23.0	990.0	425.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
425	23.0	990.0	400.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
430	23.0	990.0	375.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
435	23.0	990.0	350.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
440	23.0	990.0	325.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
445	23.0	990.0	300.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
450	23.0	990.0	275.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
455	23.0	990.0	250.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
460	23.0	990.0	225.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
465	23.0	990.0	200.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
470	23.0	990.0	175.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
475	23.0	990.0	150.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
480	23.0	990.0	125.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
485	23.0	990.0	100.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
490	23.0	990.0	75.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
495	23.0	990.0	50.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
500	23.0	990.0	25.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9

BY SPEED WINDS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
BY SPEED WINDS TEMPERATURE DEPT HAVE BEEN INTERPOLATED
BY SPEED WINDS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 460
OFFICE. COLORADO11 APRIL 1979
065 GMT

TIME MID	CATCT	WEIGHT GPH	APES M3	TEMP DEG C	UEN BT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POY T DEG E	E POT T DEG E	NR BTO GMS/SEC	RM ACT	RANGE M	AZ DEG
00.0	22.0	1411.0	914.5	1.1	-1.1	350.0	7.7	1.3	-7.6	290.9	372.6	4.3	52.0	0.0	0
00.5	29.0	1072.5	673.5	00.0	07.9	99.9	99.9	99.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9
01.0	32.0	99.9	975.5	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
01.5	33.0	99.9	953.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.0	33.0	99.9	923.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02.5	33.0	99.9	900.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.0	33.0	99.9	875.5	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03.5	33.0	99.9	853.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.0	33.0	99.9	829.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04.5	33.0	99.9	805.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.0	33.0	99.9	781.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05.5	33.0	99.9	757.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.0	33.0	99.9	733.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06.5	33.0	99.9	709.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.0	33.0	99.9	685.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07.5	33.0	99.9	661.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08.0	33.0	99.9	637.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
08.5	33.0	99.9	613.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.0	33.0	99.9	589.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
09.5	33.0	99.9	565.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.0	33.0	99.9	541.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
10.5	33.0	99.9	517.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11.0	33.0	99.9	493.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
11.5	33.0	99.9	469.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.0	33.0	99.9	445.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
12.5	33.0	99.9	421.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13.0	33.0	99.9	397.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
13.5	33.0	99.9	373.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.0	33.0	99.9	349.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.5	33.0	99.9	325.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.0	33.0	99.9	301.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
15.5	33.0	99.9	277.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16.0	33.0	99.9	253.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
16.5	33.0	99.9	229.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17.0	33.0	99.9	205.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
17.5	33.0	99.9	181.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.0	33.0	99.9	157.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.5	33.0	99.9	133.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19.0	33.0	99.9	109.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
19.5	33.0	99.9	85.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.0	33.0	99.9	61.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.5	33.0	99.9	37.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
21.0	33.0	99.9	13.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
21.5	33.0	99.9	-11.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
22.0	33.0	99.9	-37.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
22.5	33.0	99.9	-63.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
23.0	33.0	99.9	-89.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
23.5	33.0	99.9	-115.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
24.0	33.0	99.9	-141.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
24.5	33.0	99.9	-167.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
25.0	33.0	99.9	-193.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
25.5	33.0	99.9	-219.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
26.0	33.0	99.9	-245.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
26.5	33.0	99.9	-271.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27.0	33.0	99.9	-297.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27.5	33.0	99.9	-323.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28.0	33.0	99.9	-349.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28.5	33.0	99.9	-375.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29.0	33.0	99.9	-401.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29.5	33.0	99.9	-427.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.0	33.0	99.9	-453.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.5	33.0	99.9	-479.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.0	33.0	99.9	-505.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.5	33.0	99.9	-531.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.0	33.0	99.9	-557.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.5	33.0	99.9	-583.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.0	33.0	99.9	-609.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
33.5	33.0	99.9	-635.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.0	33.0	99.9	-661.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.5	33.0	99.9	-687.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.0	33.0	99.9	-713.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
35.5	33.0	99.9	-739.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.0	33.0	99.9	-765.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
36.5	33.0	99.9	-791.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.0	33.0	99.9	-817.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
37.5	33.0	99.9	-843.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.0	33.0	99.9	-869.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
38.5	33.0	99.9	-895.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.0	33.0	99.9	-921.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.5	33.0	99.9	-947.0	00.0	07.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
40.0	33.0	99.9	-973.0	00.0	07.9	9									

STATION NO. 532
PEORIA, ILLINOIS10 APRIL 1979
1400 GMT

TIME MIN	CNTCT	HEIGHT GM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR STD CM/KG	RM PCT	RANGE KM	AZ DG
0.3	7.3	203.0	995.2	1.7	-5.0	120.0	3.1	-2.7	1.5	275.2	292.2	2.6	51.0	0.0	0
0.9	9.0	1000.0	995.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.5	9.1	365.0	975.0	0.3	-7.1	999.9	999.9	99.9	99.9	275.4	291.9	2.3	57.8	999.9	99.9
1.4	11.4	572.5	950.0	-2.0	-7.5	999.9	999.9	99.9	99.9	275.2	291.2	2.3	65.9	999.9	99.9
2.1	17.7	793.9	925.0	-3.9	-7.4	124.7	5.9	-4.9	3.5	275.5	291.7	2.4	74.1	999.9	99.9
2.5	19.0	908.9	973.0	-4.5	-4.9	141.0	4.9	-3.1	3.8	275.2	292.4	2.5	90.4	999.9	99.9
3.5	19.4	1220.2	875.0	-7.4	-7.4	999.9	999.9	99.9	99.9	275.1	292.7	2.5	133.2	999.9	99.9
4.4	22.4	1340.4	850.0	-4.4	-10.4	999.9	999.9	99.9	99.9	275.1	292.7	2.5	133.2	999.9	99.9
5.3	23.7	1543.1	925.0	-1.4	99.9	999.9	999.9	99.9	99.9	275.1	292.7	2.5	133.2	999.9	99.9
5.3	25.7	1620.2	870.0	1.2	99.9	999.9	999.9	99.9	99.9	275.1	292.7	2.5	133.2	999.9	99.9
7.0	29.2	2144.3	775.0	1.1	99.9	999.9	999.9	99.9	99.9	275.1	292.7	2.5	133.2	999.9	99.9
8.0	30.4	2444.2	745.0	1.9	-21.2	999.9	999.9	99.9	99.9	275.1	292.7	2.5	133.2	999.9	99.9
9.0	33.3	2721.6	725.0	2.0	-19.6	999.9	999.9	99.9	99.9	275.1	292.7	2.5	133.2	999.9	99.9
9.9	33.7	3000.0	700.0	0.4	-14.6	999.9	999.9	99.9	99.9	275.1	292.7	2.5	133.2	999.9	99.9
11.0	36.4	3294.4	675.0	-1.8	-18.4	235.4	1.7	5.4	3.8	303.6	307.7	1.3	25.3	999.9	99.9
12.0	41.2	3531.2	650.0	-4.2	-16.1	237.7	1.1	6.9	4.3	304.2	309.1	1.7	38.7	999.9	99.9
13.1	44.0	3701.4	625.0	-5.5	-21.4	275.3	5.3	7.7	5.3	306.1	319.1	0.3	22.7	999.9	99.9
14.5	45.0	4020.4	600.0	-7.4	-22.1	233.7	11.2	9.0	6.6	307.5	310.9	1.1	20.8	999.9	99.9
15.7	47.4	4450.9	575.0	-9.7	-24.9	230.6	11.8	8.4	6.9	308.6	311.5	0.3	27.9	999.9	99.9
16.3	52.7	4902.5	550.0	-12.0	-24.3	227.3	11.0	8.2	6.7	309.2	312.5	0.9	23.2	999.9	99.9
17.3	56.4	5244.4	525.0	-14.4	-24.5	227.3	11.2	10.8	10.7	311.1	312.4	0.4	15.2	999.9	99.9
18.5	59.4	5614.4	500.0	-17.2	-24.7	227.7	11.0	11.9	10.9	312.1	313.2	0.3	15.4	999.9	99.9
19.9	62.0	6000.0	475.0	-20.2	-23.4	223.4	11.4	9.3	10.5	313.0	313.4	0.2	14.9	999.9	99.9
20.2	65.3	6334.7	450.0	-22.9	-23.7	213.0	11.5	7.0	10.2	314.4	315.3	0.2	17.7	999.9	99.9
21.2	69.6	6714.1	425.0	-25.4	-25.6	204.3	11.3	7.4	13.3	315.2	316.2	0.3	27.8	999.9	99.9
22.2	72.0	7094.3	400.0	-28.0	-25.9	214.5	11.2	9.7	14.2	316.1	319.2	0.6	27.2	999.9	99.9
23.5	75.0	7474.9	375.0	-30.9	-27.0	220.6	11.0	12.4	14.4	318.0	319.8	0.5	22.4	999.9	99.9
24.3	79.3	7854.4	350.0	-35.2	-29.3	227.1	21.1	14.7	13.7	320.0	321.4	0.4	15.3	999.9	99.9
25.5	81.1	8234.0	325.0	-40.6	-30.3	229.9	21.3	15.3	13.3	320.2	321.4	0.9	99.9	999.9	99.9
31.4	47.4	9273.5	300.0	-45.4	-30.9	225.6	21.8	15.6	13.3	321.3	321.3	0.9	99.9	999.9	99.9
33.3	91.4	9403.2	275.0	-48.9	-30.9	225.5	21.6	15.4	15.1	321.7	321.7	0.9	99.9	999.9	99.9
35.3	95.0	10422.2	250.0	-54.3	-30.9	225.0	21.1	16.7	15.9	322.3	322.3	0.9	99.9	999.9	99.9
37.4	135.4	11071.9	225.0	-61.2	-30.9	227.0	21.1	17.6	15.4	324.8	324.8	0.9	99.9	999.9	99.9
39.4	139.4	11411.4	200.0	-62.0	-30.9	241.8	21.0	22.0	11.9	324.5	324.5	0.9	99.9	999.9	99.9
40.5	111.5	12474.5	175.0	-63.3	-30.9	240.1	21.1	22.6	13.0	325.5	325.5	0.9	99.9	999.9	99.9
43.3	117.4	13449.3	150.0	-66.0	-30.9	244.2	21.1	26.1	7.4	325.0	325.0	0.9	99.9	999.9	99.9
47.1	124.3	14721.0	125.0	-68.6	-30.9	244.0	21.1	25.7	2.6	325.2	325.2	0.9	99.9	999.9	99.9
51.4	131.3	16114.1	100.0	-72.3	-30.9	267.3	21.1	25.0	1.2	407.4	329.9	0.9	99.9	999.9	99.9
55.5	139.7	17497.3	75.0	-81.5	-30.9	259.0	21.4	21.4	0.4	444.0	329.9	0.9	99.9	999.9	99.9
59.4	144.5	20413.9	50.0	-86.0	-30.9	272.9	11.4	19.4	-1.0	502.1	329.9	0.9	99.9	999.9	99.9
73.4	154.0	24412.2	25.0	-90.2	-30.9	260.4	21.0	19.9	1.3	600.3	329.9	0.9	99.9	999.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 17 DEG
 * BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS

10 APRIL 1979
1705 GMT

TIME MIN	CNTCT	WEIGHT G/M	PRES MB	TEMP DG C	DEW PT DG C	OIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT 7 DG K	E POT 7 DG K	MR RTO CM/KG	RM PCT	RANGE KM	AZ DG
30.3	90.9	200.0	999.9	4.4	-5.1	80.0	6.2	-6.1	-1.1	278.0	284.9	2.5	30.0	0.2	0.0
30.9	90.9	1000.0	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.5	90.9	342.0	975.0	2.3	-5.9	95.9	4.8	-4.8	0.5	277.4	284.1	2.5	54.5	0.2	257.0
32.1	12.5	572.1	950.0	0.3	-6.1	91.4	6.6	-7.2	0.2	277.6	284.2	2.5	62.0	0.5	271.0
32.7	12.5	785.2	925.0	-1.7	-6.2	92.0	7.2	-7.2	0.2	277.6	284.2	2.5	71.4	0.5	270.0
33.3	17.0	1022.5	900.0	-2.0	-7.3	105.4	6.0	-7.6	2.5	279.5	290.0	2.5	65.9	1.2	272.0
33.9	17.0	1227.6	875.0	-2.0	-7.3	105.4	6.0	-7.6	2.5	279.5	290.0	2.5	65.9	1.2	272.0
34.5	17.0	1450.0	850.0	0.8	-10.9	132.0	6.8	-6.5	5.9	283.5	295.2	2.1	43.9	1.5	273.0
35.1	21.5	1730.2	825.0	1.9	-15.7	167.4	5.2	-2.0	6.3	287.7	298.5	2.0	41.2	1.9	273.0
35.7	23.8	1943.5	800.0	2.5	-28.0	209.1	6.9	1.3	4.9	290.6	298.5	1.4	25.8	1.9	273.0
36.3	25.2	2204.2	775.0	0.8	-24.9	214.0	7.0	3.3	6.0	293.8	298.3	0.5	5.3	1.7	305.0
36.9	31.0	2467.3	750.0	0.8	-18.6	207.6	6.6	3.9	5.8	296.7	298.6	0.7	12.3	2.0	316.0
37.5	33.4	2712.0	725.0	0.8	-10.0	213.5	6.0	4.4	5.9	299.4	298.3	1.2	22.8	2.1	327.0
38.1	35.0	3012.1	700.0	-0.4	-30.6	215.4	9.6	5.3	7.6	302.0	303.4	0.4	8.1	2.7	347.0
38.7	35.0	3312.1	675.0	-2.1	-31.2	209.8	11.0	5.2	9.6	303.3	304.7	0.4	9.4	3.2	358.0
39.3	35.0	3612.1	650.0	-4.4	-24.5	206.9	11.5	5.2	10.2	304.1	304.6	0.4	19.0	3.9	1.0
39.9	35.0	3912.1	625.0	-6.6	-22.1	203.2	11.4	4.5	10.5	304.9	304.1	1.0	27.8	4.4	5.0
40.5	37.7	4212.1	600.0	-6.7	-15.3	204.8	11.6	4.9	10.5	306.0	311.9	1.9	57.9	5.1	7.0
41.1	40.1	4512.1	575.0	-11.1	-17.4	206.0	12.4	5.4	11.2	307.0	312.2	1.7	59.4	5.9	13.0
41.7	43.1	4812.1	550.0	-13.7	-19.0	203.4	12.5	5.3	12.4	307.9	312.4	1.4	52.6	5.9	12.0
42.3	45.1	5112.1	525.0	-16.9	-21.8	197.3	12.9	4.1	13.3	309.1	312.1	1.3	65.1	7.9	13.0
42.9	47.1	5412.1	500.0	-20.0	-23.3	201.4	16.9	6.2	15.7	309.7	312.4	1.2	76.9	9.9	14.0
43.5	49.1	5712.1	475.0	-26.7	-23.8	210.5	21.3	10.9	18.4	312.3	312.3	0.3	76.5	12.4	18.0
44.1	51.1	6012.1	450.0	-27.7	-20.7	211.7	21.0	11.6	18.7	312.6	312.5	0.3	73.7	12.0	18.0
44.7	53.1	6312.1	425.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
45.3	55.1	6612.1	400.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
45.9	57.1	6912.1	375.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
46.5	59.1	7212.1	350.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
47.1	61.1	7512.1	325.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
47.7	63.1	7812.1	300.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
48.3	65.1	8112.1	275.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
48.9	67.1	8412.1	250.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
49.5	69.1	8712.1	225.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
50.1	71.1	9012.1	200.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
50.7	73.1	9312.1	175.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
51.3	75.1	9612.1	150.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
51.9	77.1	9912.1	125.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
52.5	79.1	10212.1	100.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
53.1	81.1	10512.1	75.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
53.7	83.1	10812.1	50.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
54.3	85.1	11112.1	25.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
54.9	87.1	11412.1	0.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
55.5	89.1	11712.1	0.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
56.1	91.1	12012.1	0.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
56.7	93.1	12312.1	0.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
57.3	95.1	12612.1	0.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
57.9	97.1	12912.1	0.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0
58.5	99.1	13212.1	0.0	-27.7	-20.7	212.6	21.1	10.9	18.7	313.5	313.5	0.2	92.9	11.4	20.0

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS10 APRIL 1979
2005 GMT

TIME MIN	CNCT	HEIGHT GPM	PRES MB	TEMP DEG C	DW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX STD GM/KG	RM PCT	RANGE KM	AZ DG
300	705	220.0	993.0	8.3	-10.5	110.0	6.7	-6.3	2.3	282.0	231.2	3.5	50.0	0.0	0
305	95.0	220.0	1000.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
310	95.0	350.0	950.0	5.4	-24.4	111.1	5.9	-5.5	2.1	280.6	249.2	3.3	57.2	0.2	290
315	110.4	561.7	950.0	3.2	-29.9	111.2	5.5	-5.1	2.0	280.5	249.0	3.2	43.0	0.4	290
320	110.4	777.1	950.0	1.0	-30.3	110.0	5.8	-5.1	2.0	280.4	248.9	3.2	72.7	0.6	290
325	130.4	995.7	970.0	-0.9	-29.8	127.9	7.1	-5.6	4.4	280.7	249.7	3.4	86.2	0.9	290
330	130.4	1221.3	970.0	-1.3	-29.8	127.5	9.4	-5.6	7.5	282.4	249.5	2.6	46.6	1.1	300
335	230.9	1433.0	950.0	-0.4	-29.9	150.9	9.3	-5.3	7.4	285.9	249.1	2.5	52.2	1.6	310
340	230.9	1641.3	950.0	1.4	-22.6	181.4	5.9	0.1	5.9	290.5	249.5	1.4	24.9	1.9	310
345	230.9	1841.3	950.0	2.4	-22.6	181.4	5.9	0.1	5.9	290.5	249.5	1.4	24.9	1.9	310
350	230.9	2041.3	950.0	1.4	-21.5	203.1	6.6	2.4	6.0	295.1	249.1	1.4	25.2	2.3	310
355	330.3	2400.3	750.0	1.4	-21.9	220.5	7.0	4.0	5.4	299.1	249.9	0.9	17.8	2.5	310
360	330.3	2713.4	750.0	0.6	-21.4	238.9	7.9	6.4	4.5	300.1	249.1	1.3	17.1	2.7	310
365	330.3	3013.4	700.0	-0.9	-19.4	242.9	9.3	8.2	4.3	301.5	249.1	1.2	23.0	2.9	310
370	330.3	3313.4	650.0	-3.2	-18.9	249.0	10.8	9.4	5.4	302.1	249.1	1.9	33.8	3.2	310
375	330.3	3613.4	600.0	-5.4	-18.5	255.2	12.5	10.3	7.2	302.6	249.2	2.3	48.8	3.7	310
380	330.3	3913.4	550.0	-9.4	-18.5	261.4	13.5	10.6	9.4	302.8	249.2	3.0	91.8	4.4	310
385	330.3	4213.4	500.0	-9.7	-18.0	267.8	14.6	13.3	7.9	304.9	249.2	2.8	93.1	5.3	310
390	330.3	4513.4	450.0	-11.7	-17.6	275.8	14.3	13.0	5.9	304.3	249.2	1.9	46.9	5.2	310
395	330.3	4813.4	400.0	-14.0	-20.2	283.9	15.2	14.3	5.3	307.4	249.2	1.4	50.4	5.3	310
400	330.3	5113.4	350.0	-15.5	-20.1	292.0	16.5	17.7	5.5	309.9	249.2	0.8	35.1	5.1	310
405	330.3	5413.4	300.0	-19.4	-21.1	300.2	18.5	18.6	5.9	312.7	249.2	0.6	10.4	5.5	310
410	330.3	5713.4	250.0	-21.4	-21.1	308.2	20.5	18.6	6.2	311.2	249.2	3.5	12.4	11.2	310
415	330.3	6013.4	200.0	-24.1	-21.1	316.2	24.2	23.0	7.6	312.9	249.2	0.5	42.2	17.2	310
420	330.3	6313.4	150.0	-27.4	-20.9	324.2	24.5	23.0	4.4	313.6	249.2	0.4	40.4	15.4	310
425	330.3	6613.4	100.0	-31.3	-20.2	332.2	25.3	23.0	5.9	314.3	249.2	0.3	40.7	17.9	310
430	330.3	6913.4	50.0	-35.5	-20.1	340.2	24.9	24.9	5.2	314.7	249.2	0.2	40.7	17.9	310
435	330.3	7213.4	0.0	-39.5	-20.1	348.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
440	330.3	7513.4	0.0	-43.8	-20.1	356.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
445	330.3	7813.4	0.0	-47.5	-20.1	364.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
450	330.3	8113.4	0.0	-51.3	-20.1	372.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
455	330.3	8413.4	0.0	-55.0	-20.1	380.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
460	330.3	8713.4	0.0	-58.8	-20.1	388.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
465	330.3	9013.4	0.0	-62.5	-20.1	396.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
470	330.3	9313.4	0.0	-66.3	-20.1	404.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
475	330.3	9613.4	0.0	-70.0	-20.1	412.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
480	330.3	9913.4	0.0	-73.8	-20.1	420.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
485	330.3	10213.4	0.0	-77.5	-20.1	428.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
490	330.3	10513.4	0.0	-81.3	-20.1	436.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
495	330.3	10813.4	0.0	-85.0	-20.1	444.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
500	330.3	11113.4	0.0	-88.8	-20.1	452.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
505	330.3	11413.4	0.0	-92.5	-20.1	460.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
510	330.3	11713.4	0.0	-96.3	-20.1	468.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
515	330.3	12013.4	0.0	-100.0	-20.1	476.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
520	330.3	12313.4	0.0	-103.8	-20.1	484.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
525	330.3	12613.4	0.0	-107.5	-20.1	492.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
530	330.3	12913.4	0.0	-111.3	-20.1	500.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
535	330.3	13213.4	0.0	-115.0	-20.1	508.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
540	330.3	13513.4	0.0	-118.8	-20.1	516.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
545	330.3	13813.4	0.0	-122.5	-20.1	524.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
550	330.3	14113.4	0.0	-126.3	-20.1	532.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
555	330.3	14413.4	0.0	-130.0	-20.1	540.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
560	330.3	14713.4	0.0	-133.8	-20.1	548.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
565	330.3	15013.4	0.0	-137.5	-20.1	556.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
570	330.3	15313.4	0.0	-141.3	-20.1	564.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
575	330.3	15613.4	0.0	-145.0	-20.1	572.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
580	330.3	15913.4	0.0	-148.8	-20.1	580.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
585	330.3	16213.4	0.0	-152.5	-20.1	588.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
590	330.3	16513.4	0.0	-156.3	-20.1	596.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
595	330.3	16813.4	0.0	-160.0	-20.1	604.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
600	330.3	17113.4	0.0	-163.8	-20.1	612.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
605	330.3	17413.4	0.0	-167.5	-20.1	620.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
610	330.3	17713.4	0.0	-171.3	-20.1	628.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
615	330.3	18013.4	0.0	-175.0	-20.1	636.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
620	330.3	18313.4	0.0	-178.8	-20.1	644.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
625	330.3	18613.4	0.0	-182.5	-20.1	652.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
630	330.3	18913.4	0.0	-186.3	-20.1	660.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
635	330.3	19213.4	0.0	-190.0	-20.1	668.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
640	330.3	19513.4	0.0	-193.8	-20.1	676.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
645	330.3	19813.4	0.0	-197.5	-20.1	684.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
650	330.3	20113.4	0.0	-201.3	-20.1	692.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
655	330.3	20413.4	0.0	-205.0	-20.1	700.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
660	330.3	20713.4	0.0	-208.8	-20.1	708.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
665	330.3	21013.4	0.0	-212.5	-20.1	716.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
670	330.3	21313.4	0.0	-216.3	-20.1	724.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
675	330.3	21613.4	0.0	-220.0	-20.1	732.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
680	330.3	21913.4	0.0	-223.8	-20.1	740.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
685	330.3	22213.4	0.0	-227.5	-20.1	748.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
690	330.3	22513.4	0.0	-231.3	-20.1	756.2	24.9	24.9	5.2	314.7	249.2	0.1	40.7	17.9	310
695	330.3	22813.4	0.0	-235.0	-20.1	764.2	2								

STATION NO. 532
PEORIA, ILLINOIS10 APRIL 1979
2300 GMT

TIME MIN	CNCT	WEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/S/C	U COMP M/S/C	V COMP M/S/C	POT Y DEG K	E POT Y DEG K	MX WTD GM/KG	RH PCT	RANGE KM	AZ DEG
3.3	7.5	200.0	922.2	6.1	0.6	140.3	5.1	-3.3	3.9	270.9	290.4	4.0	99.0	0.3	0
9.3	9.5	90.0	1070.3	9.9	9.9	99.9	9.9	-3.3	9.9	99.9	99.9	9.9	99.9	99.9	99.9
3.5	9.0	243.0	975.0	4.6	-1.0	130.6	9.9	-7.5	6.4	270.7	289.3	3.7	67.7	0.3	324
1.3	11.3	554.0	950.0	2.3	-0.9	123.9	9.4	-7.8	5.2	270.6	289.4	3.9	79.1	0.3	306
2.2	12.5	74.0	925.3	0.4	-0.9	122.4	9.1	-7.6	4.9	270.8	289.5	3.9	91.0	1.3	305
3.2	15.9	990.1	970.7	-1.7	-2.1	126.9	6.5	-6.6	5.3	270.9	289.3	3.4	97.2	1.3	306
4.3	13.2	1211.9	975.0	-2.8	-5.8	137.1	7.9	-5.4	5.9	280.9	288.8	3.0	85.4	2.2	306
4.3	23.5	1443.3	950.0	1.6	-23.1	159.1	5.0	-1.8	4.4	247.8	299.1	0.1	9.6	2.5	324
5.3	22.5	1685.2	925.0	4.3	-22.9	201.2	4.5	1.6	4.2	293.1	293.5	0.1	1.7	2.6	312
9.7	25.3	1934.0	877.9	7.6	-31.7	220.9	6.4	4.2	4.8	295.0	295.9	0.3	4.6	2.7	319
7.7	27.4	2102.7	877.0	7.8	-31.9	230.6	8.1	6.2	5.1	297.9	298.3	0.1	1.9	2.9	329
9.3	31.3	2453.3	750.0	2.7	-22.4	251.4	7.4	7.2	2.4	299.6	302.2	2.9	13.9	2.9	319
3.4	32.9	2731.4	725.0	0.3	-2.0	263.6	8.1	8.1	0.9	299.8	308.2	2.9	33.8	2.7	349
1.3	35.4	3111.5	705.0	-1.6	-7.3	260.0	9.3	9.1	1.5	300.7	308.6	2.7	54.0	2.7	359
11.1	37.4	3331.3	675.0	-2.9	-19.3	254.7	11.0	10.6	2.4	302.5	309.3	1.3	27.4	3.0	110
13.1	40.6	3503.3	557.7	-5.5	-27.3	259.4	12.2	12.0	2.5	302.7	304.7	0.6	16.1	3.4	240
14.2	43.3	3503.3	525.0	-6.3	-37.6	261.4	12.3	12.3	1.9	305.3	305.9	0.1	1.7	3.9	340
15.3	45.3	4221.5	600.0	-6.0	-45.0	261.4	13.4	13.4	2.0	304.9	307.0	0.2	1.0	4.5	420
15.4	49.3	4552.4	575.0	-12.5	-36.7	253.7	16.5	15.8	4.6	307.7	308.7	0.3	9.5	5.4	490
17.3	51.5	4803.4	550.3	-12.2	-44.7	253.0	18.9	18.1	4.5	309.6	310.1	0.1	4.8	5.7	540
17.1	54.7	5217.6	525.7	-14.3	-49.0	255.4	20.5	19.9	5.2	311.3	311.4	0.3	1.0	9.2	570
22.3	57.7	5610.3	500.0	-16.8	-57.1	255.9	22.6	21.9	5.5	312.5	312.6	0.3	1.6	13.2	610
23.3	59.0	5803.4	475.0	-15.8	-52.5	257.3	24.0	23.4	5.3	313.4	313.5	0.3	1.9	11.9	630
25.3	64.0	5397.4	470.3	-23.0	-48.6	256.7	25.8	25.1	5.9	314.4	314.4	0.0	1.0	14.1	660
25.3	67.3	5813.4	425.3	-26.3	-45.4	259.2	28.4	27.8	5.8	315.4	315.5	0.0	4.5	15.5	670
25.5	70.6	7249.1	475.0	-30.7	-31.3	256.9	28.0	27.5	5.4	315.1	315.4	0.1	11.1	19.0	630
27.1	74.1	7702.3	374.0	-34.6	-31.2	257.7	27.9	27.7	5.9	315.4	315.7	0.1	17.1	21.7	720
28.7	77.7	9170.4	350.0	-39.2	-38.5	255.4	30.3	29.5	7.1	315.9	316.7	0.3	15.7	24.4	710
31.4	91.4	9583.4	325.0	-43.0	99.9	254.9	32.9	31.9	9.6	317.4	99.9	99.9	99.9	27.5	710
33.3	95.3	9217.0	300.3	-47.4	99.9	257.0	33.8	33.0	7.6	318.6	99.9	92.9	99.9	31.5	720
35.5	93.5	9733.9	275.0	-47.5	93.0	255.4	35.6	34.4	9.7	322.1	99.9	99.9	99.9	35.1	730
37.7	93.7	13405.5	250.3	-51.7	99.9	248.7	36.2	35.8	13.1	326.2	99.9	99.9	99.9	41.1	730
40.2	94.4	11070.5	225.0	-57.7	99.9	240.1	39.3	38.1	19.6	317.1	99.9	99.9	99.9	45.3	720
42.7	103.2	11815.3	220.0	-58.8	99.9	245.9	39.9	36.4	16.4	339.6	99.9	99.9	99.9	52.3	700
45.3	123.5	12456.6	175.0	-60.2	99.9	252.7	28.7	27.4	6.5	250.6	99.9	99.9	99.9	57.9	730
47.3	114.5	11413.3	150.3	-59.7	99.9	251.3	26.7	27.2	9.2	367.2	99.9	99.9	99.9	43.2	720
53.3	121.3	14752.2	125.0	-60.5	99.9	255.7	29.3	28.4	7.2	384.5	99.9	99.9	99.9	70.9	710
57.7	133.3	15132.2	100.0	-61.8	99.9	253.7	29.9	28.9	7.0	409.4	99.9	99.9	99.9	77.9	710
59.1	137.0	17921.7	75.0	-62.9	99.9	260.3	22.7	22.7	0.1	441.1	99.9	99.9	99.9	85.9	720
72.7	147.0	2743.9	50.3	-56.7	99.9	262.5	16.7	16.6	2.4	505.1	99.9	99.9	99.9	95.3	740
33.3	153.7	24979.7	25.3	-44.6	99.9	260.9	59.9	99.9	99.9	644.9	99.9	99.9	99.9	999.3	930

4 BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 5 BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS11 APRIL 1979
805 GMT

TIME MIN	CNCT	HEIGHT GPH	QZES MM	TEMP DG C	DEW PT DG C	DIP DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX PTO GM/KG	PH PCT	RANGE KM	AZ DG
300	7.4	202.0	999.5	4.4	3.2	100.0	7.7	-7.6	1.3	278.5	290.9	4.9	92.0	2.3	0.
309	9.3	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
314	8.3	312.0	975.0	3.7	2.4	112.8	15.7	-14.5	6.1	278.9	290.8	4.7	91.3	0.3	27.3
319	11.2	522.9	982.0	3.1	1.7	120.4	19.4	-16.7	9.9	290.4	292.2	4.6	90.3	0.9	29.9
324	13.5	738.9	925.0	2.3	-7.3	128.2	20.0	-15.5	12.5	291.7	292.3	4.1	87.2	1.9	29.9
329	13.4	952.9	935.0	3.5	1.7	135.5	14.8	-10.4	10.5	295.2	298.7	4.8	87.7	2.9	32.3
334	15.7	1131.9	975.0	7.2	4.7	140.3	12.6	-9.1	9.7	291.3	307.7	5.1	93.9	3.4	32.3
339	15.7	1471.1	950.0	7.5	7.7	138.9	13.1	-8.6	9.9	294.1	310.0	5.9	74.9	4.3	33.3
344	23.0	1675.9	925.0	6.4	2.4	137.2	14.5	-9.8	10.7	295.4	310.5	5.6	75.9	4.3	33.3
349	25.5	1920.3	900.0	5.2	1.8	136.7	14.3	-9.8	10.4	295.7	311.7	5.5	78.5	5.6	31.1
354	24.0	2194.7	774.3	4.7	1.3	146.9	15.2	-8.1	12.7	299.4	313.9	7.5	73.2	6.4	31.2
359	30.5	2440.0	753.0	3.2	1.3	168.5	15.7	-3.1	15.3	300.1	315.7	5.6	87.4	7.1	31.5
364	33.1	2732.1	725.0	1.1	0.6	180.6	17.7	0.2	17.7	300.7	316.1	5.5	95.7	7.7	31.9
369	35.7	3013.4	733.0	-7.0	-7.3	189.9	25.6	3.5	20.3	302.5	317.6	5.4	97.5	8.5	32.4
374	39.3	3371.5	475.0	-1.4	-1.3	200.6	22.9	8.1	21.5	304.0	319.2	5.0	97.3	9.3	33.3
379	41.1	3403.9	452.0	-2.4	-3.2	209.9	24.9	12.4	21.6	305.6	319.7	4.7	97.2	11.2	33.7
384	43.9	3914.3	476.0	-4.5	-4.9	214.4	26.7	15.1	22.0	307.2	319.7	4.3	97.1	11.2	34.4
389	45.7	4245.5	671.0	-6.7	-6.7	215.2	26.9	15.5	22.0	308.9	320.3	3.9	97.0	12.4	35.2
394	49.4	4547.8	475.0	-8.3	-9.7	215.0	27.3	15.6	22.4	310.3	320.6	3.5	94.9	13.5	35.5
399	52.5	4711.4	550.0	-11.2	-11.8	219.3	28.2	16.6	20.3	310.9	319.4	2.9	95.6	14.9	35.2
404	55.4	5443.7	570.0	-14.1	-14.9	222.1	32.3	22.0	23.6	315.2	323.3	2.4	94.1	15.1	9.
409	58.4	6129.3	475.0	-16.8	-17.7	227.1	33.1	24.3	22.6	317.2	323.5	2.0	92.3	16.2	13.
414	55.7	5471.3	470.0	-10.9	-11.3	227.9	34.5	25.6	23.1	318.4	323.4	1.5	87.4	22.7	17.
419	58.4	5850.1	425.0	-17.4	-18.2	225.1	33.7	25.1	22.5	318.5	322.8	1.2	85.2	25.2	21.
424	71.0	7205.0	600.0	-24.5	-24.6	224.3	34.0	23.8	24.4	320.8	323.5	0.9	82.4	28.3	21.
429	75.6	7755.1	375.0	-30.2	-30.5	224.4	33.8	23.6	24.1	321.6	323.2	0.7	80.0	30.9	25.
434	79.2	8244.9	150.0	-37.3	-37.1	226.2	31.7	22.9	22.0	322.4	324.0	0.4	75.4	33.5	27.
439	83.3	8753.2	325.1	-43.5	-43.5	226.5	30.4	22.1	20.9	322.8	323.5	0.3	63.3	35.3	29.
444	87.2	9301.1	100.0	-44.2	-45.0	226.4	28.9	21.9	20.0	323.0	323.9	0.9	50.0	37.3	30.
449	91.3	9776.5	275.0	-45.6	-47.9	228.0	29.2	21.0	18.9	323.4	324.0	0.9	49.9	42.2	31.
454	95.4	10433.2	243.0	-55.7	-57.9	235.2	29.2	24.0	16.7	323.2	324.0	0.9	47.9	45.4	32.
459	100.6	11186.2	235.0	-61.4	-60.0	234.7	37.6	30.7	21.7	324.5	324.0	0.9	47.9	48.7	35.
464	105.0	11746.0	700.0	-65.8	-66.0	230.9	43.9	37.9	22.0	324.5	324.0	0.9	47.9	51.5	37.
469	111.2	12437.1	174.0	-63.7	-62.9	252.4	37.3	35.6	11.2	344.8	324.0	0.9	47.9	53.9	40.
474	117.2	13432.4	150.0	-64.7	-62.9	245.8	25.2	23.0	10.4	350.6	324.0	0.9	47.9	55.3	42.
479	123.4	14746.2	125.0	-64.3	-63.9	244.0	24.1	22.4	9.5	370.5	324.0	0.9	47.9	59.0	43.
484	128.4	14746.2	100.0	-63.8	-62.9	242.9	22.2	22.0	2.7	410.4	324.0	0.9	47.9	73.4	45.
489	131.8	15115.7	100.0	-61.3	-61.3	99.9	99.9	99.9	99.9	444.5	324.0	0.9	47.9	77.4	47.
494	137.1	17021.9	75.0	-61.3	-61.3	99.9	99.9	99.9	99.9	539.5	324.0	0.9	47.9	99.9	99.9
499	143.3	50.0	50.0	50.0	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
504	149.3	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS11 APRIL 1979
1100 GMT

TIME MID	CNTCT	WPGHT GPH	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GPH/SEC	RM PCT	RANGE KM	AZ DEG
3.0	7.2	203.0	999.1	4.4	9.1	109.0	9.3	-9.2	1.6	279.4	291.6	5.2	99.9	0.0	0.0
3.1	9.3	99.9	1079.0	99.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.2	9.4	319.6	975.0	3.6	3.3	109.0	19.0	-17.9	6.7	278.8	291.5	5.0	97.7	0.6	277.0
3.3	1.5	530.2	953.0	4.5	4.1	117.1	19.1	-17.0	8.7	281.7	295.7	5.4	97.3	1.3	296.0
3.4	12.9	749.0	925.0	6.0	5.4	127.2	18.1	-14.4	10.9	285.5	301.3	5.1	95.7	2.0	292.0
3.5	15.0	974.7	920.0	8.5	6.7	145.4	15.7	-8.9	12.9	297.3	308.5	4.9	95.4	2.8	298.0
3.6	17.3	1237.9	925.0	9.2	6.4	163.1	13.5	-3.9	12.9	293.3	311.7	6.9	82.5	3.4	309.0
3.7	18.4	1444.6	920.0	9.8	5.1	176.7	13.1	-0.8	13.1	295.4	313.0	6.5	77.7	4.0	313.0
3.8	21.3	1595.3	925.0	8.4	4.4	191.1	13.4	2.6	13.1	297.5	314.9	6.4	75.8	4.5	320.0
3.9	25.3	1943.9	920.0	6.5	7.2	198.8	16.4	5.3	15.6	298.1	317.1	7.0	91.7	4.9	327.0
4.0	28.4	2213.3	925.0	5.0	4.4	212.7	19.2	10.2	16.2	299.2	317.9	6.9	95.0	5.4	335.0
4.1	31.4	2477.9	920.0	3.7	3.1	218.7	20.4	12.7	15.9	301.6	319.3	6.4	95.9	5.9	342.0
4.2	34.4	2753.0	925.0	2.1	0.7	230.3	18.7	14.4	11.9	301.7	317.3	5.6	92.7	5.3	349.0
4.3	37.4	3028.9	920.0	0.4	-0.1	242.1	17.2	15.2	9.1	302.9	317.2	5.1	92.1	5.9	357.0
4.4	40.4	3304.9	925.0	-2.2	-1.7	249.8	16.3	15.3	5.4	303.2	316.5	4.5	95.9	7.2	36.0
4.5	43.4	3580.9	920.0	-0.7	-1.5	256.1	16.9	16.3	4.6	309.2	312.5	1.4	24.6	7.7	12.0
4.6	46.4	3856.9	925.0	-0.9	-1.9	256.3	19.7	19.1	4.7	309.1	318.0	1.9	41.5	9.3	20.0
4.7	49.4	4132.9	920.0	-0.1	-2.7	251.5	20.9	19.8	9.6	300.1	316.9	3.3	41.9	7.2	27.0
4.8	52.4	4408.9	925.0	-0.3	-3.0	245.4	21.5	19.5	9.0	310.7	320.9	3.4	91.3	11.3	32.0
4.9	55.4	4684.9	920.0	-1.0	-3.3	240.7	23.3	20.3	11.4	312.2	321.1	2.9	90.9	11.7	35.0
5.0	58.4	4960.9	925.0	-1.8	-3.9	231.4	27.1	21.1	16.9	314.0	321.1	2.3	78.5	13.4	39.0
5.1	61.4	5236.9	920.0	-2.6	-4.5	226.3	27.9	20.8	15.5	315.1	321.4	2.0	92.4	15.3	40.0
5.2	64.4	5512.9	925.0	-3.4	-5.1	226.3	30.9	23.0	20.5	316.5	321.8	1.7	90.5	17.4	41.0
5.3	67.4	5788.9	920.0	-4.2	-5.7	227.5	27.9	20.4	18.9	317.9	322.3	1.3	78.5	19.9	42.0
5.4	70.4	6064.9	925.0	-5.0	-6.3	228.5	27.0	19.0	19.1	319.2	322.8	1.1	72.0	22.0	42.0
5.5	73.4	6340.9	920.0	-5.8	-6.9	228.5	25.2	17.4	14.3	320.5	323.3	0.9	75.5	24.1	43.0
5.6	76.4	6616.9	925.0	-6.6	-7.5	228.5	25.2	15.9	19.6	321.4	323.6	0.7	73.2	26.3	43.0
5.7	79.4	6892.9	920.0	-7.4	-8.1	228.5	24.5	12.4	20.9	322.4	324.0	0.7	57.9	28.9	42.0
5.8	82.4	7168.9	925.0	-8.2	-8.7	228.5	21.7	10.9	23.2	323.6	324.3	0.2	51.0	31.0	41.0
5.9	85.4	7444.9	920.0	-9.0	-9.3	199.9	27.9	9.5	24.2	324.7	324.7	0.9	99.9	33.7	39.0
6.0	88.4	7720.9	925.0	-9.8	-9.9	199.9	32.5	10.7	30.6	325.0	325.0	0.9	99.9	36.4	37.0
6.1	91.4	8000.9	920.0	-10.6	-10.7	199.9	36.1	16.1	27.8	325.0	325.0	0.9	99.9	39.1	35.0
6.2	94.4	8280.9	925.0	-11.4	-11.5	224.4	35.3	24.7	25.2	325.9	325.9	0.9	99.9	41.8	35.0
6.3	97.4	8560.9	920.0	-12.2	-12.3	224.4	36.4	31.2	22.3	326.0	326.0	0.9	99.9	44.5	37.0
6.4	100.4	8840.9	925.0	-13.0	-13.1	224.4	36.4	26.0	12.9	326.7	326.7	0.9	99.9	47.2	40.0
6.5	103.4	9120.9	920.0	-13.8	-13.9	224.4	36.4	20.7	8.9	327.3	327.3	0.9	99.9	50.0	43.0
6.6	106.4	9400.9	925.0	-14.6	-14.7	224.4	27.4	26.7	12.9	328.0	328.0	0.9	99.9	52.7	44.0
6.7	109.4	9680.9	920.0	-15.4	-15.5	224.4	23.2	21.4	9.1	401.2	328.0	0.9	99.9	55.4	45.0
6.8	112.4	9960.9	925.0	-16.2	-16.3	224.4	23.2	22.2	5.8	443.4	328.0	0.9	99.9	58.1	46.0
6.9	115.4	10240.9	920.0	-17.0	-17.1	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	60.8	51.0
7.0	118.4	10520.9	925.0	-17.8	-17.9	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	63.5	51.0
7.1	121.4	10800.9	920.0	-18.6	-18.7	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	66.2	51.0
7.2	124.4	11080.9	925.0	-19.4	-19.5	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	68.9	51.0
7.3	127.4	11360.9	920.0	-20.2	-20.3	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	71.6	51.0
7.4	130.4	11640.9	925.0	-21.0	-21.1	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	74.3	51.0
7.5	133.4	11920.9	920.0	-21.8	-21.9	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	77.0	51.0
7.6	136.4	12200.9	925.0	-22.6	-22.7	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	79.7	51.0
7.7	139.4	12480.9	920.0	-23.4	-23.5	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	82.4	51.0
7.8	142.4	12760.9	925.0	-24.2	-24.3	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	85.1	51.0
7.9	145.4	13040.9	920.0	-25.0	-25.1	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	87.8	51.0
8.0	148.4	13320.9	925.0	-25.8	-25.9	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	90.5	51.0
8.1	151.4	13600.9	920.0	-26.6	-26.7	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	93.2	51.0
8.2	154.4	13880.9	925.0	-27.4	-27.5	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	95.9	51.0
8.3	157.4	14160.9	920.0	-28.2	-28.3	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	98.6	51.0
8.4	160.4	14440.9	925.0	-29.0	-29.1	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	101.3	51.0
8.5	163.4	14720.9	920.0	-29.8	-29.9	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	104.0	51.0
8.6	166.4	15000.9	925.0	-30.6	-30.7	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	106.7	51.0
8.7	169.4	15280.9	920.0	-31.4	-31.5	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	109.4	51.0
8.8	172.4	15560.9	925.0	-32.2	-32.3	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	112.1	51.0
8.9	175.4	15840.9	920.0	-33.0	-33.1	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	114.8	51.0
9.0	178.4	16120.9	925.0	-33.8	-33.9	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	117.5	51.0
9.1	181.4	16400.9	920.0	-34.6	-34.7	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	120.2	51.0
9.2	184.4	16680.9	925.0	-35.4	-35.5	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	122.9	51.0
9.3	187.4	16960.9	920.0	-36.2	-36.3	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	125.6	51.0
9.4	190.4	17240.9	925.0	-37.0	-37.1	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	128.3	51.0
9.5	193.4	17520.9	920.0	-37.8	-37.9	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	131.0	51.0
9.6	196.4	17800.9	925.0	-38.6	-38.7	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	133.7	51.0
9.7	199.4	18080.9	920.0	-39.4	-39.5	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	136.4	51.0
9.8	202.4	18360.9	925.0	-40.2	-40.3	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	139.1	51.0
9.9	205.4	18640.9	920.0	-41.0	-41.1	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	141.8	51.0
10.0	208.4	18920.9	925.0	-41.8	-41.9	99.9	99.9	99.9	99.9	502.0	328.0	0.9	99.9	144.5	51.0

° BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG
 ° BY TEMS MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ° BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA10 APRIL 1979
1107 GMT

TIME MIN	CATC	HEIGHT GPM	PKTS NO	TEMP DEG C	DW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX RTO CM/KG	RM PCY	PAWCF CM	A7 UG
303	94	433.0	952.9	-0.1	-20.3	130.0	4.6	-3.5	3.0	276.0	294.7	3.4	95.0	0.0	0
90.3	90.3	1005.0	952.9	95.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
90.3	90.3	975.0	952.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
2.5	11.0	507.3	952.9	-0.4	-10.3	120.2	11.4	-8.8	7.2	276.7	286.2	3.7	93.8	3.3	321.0
1.2	13.4	720.5	952.9	-0.9	-10.0	140.1	14.1	-9.1	10.9	276.7	287.7	3.6	92.5	0.0	315.0
2.0	15.6	539.4	975.0	-1.4	-10.4	151.3	12.6	-6.0	11.1	290.1	299.2	3.5	91.0	1.5	330.0
2.0	17.3	1145.1	975.0	1.4	-10.1	174.3	9.2	-1.6	9.1	295.3	299.9	2.0	42.0	2.0	320.0
3.0	23.3	1430.2	952.9	4.2	-16.0	190.2	9.6	0.0	9.6	295.3	294.3	1.3	21.3	4.4	331.0
4.3	27.7	1642.5	952.9	3.3	-17.0	184.4	9.6	0.9	10.5	292.1	295.4	1.1	19.2	2.4	314.0
5.1	29.2	1901.9	975.0	1.1	-12.9	179.7	10.5	-0.0	10.5	298.4	297.4	1.0	15.5	1.1	340.0
5.1	29.4	2148.3	775.3	1.7	-20.7	174.7	9.5	-0.4	9.5	298.6	298.5	0.9	15.9	3.4	343.0
7.2	33.1	2411.7	750.0	0.5	-21.2	172.8	10.0	-1.3	9.9	297.1	297.0	0.7	17.9	4.4	344.0
3.2	32.7	2543.0	725.0	-0.7	-21.8	160.2	8.5	-2.9	9.7	295.7	291.5	0.9	18.4	4.3	345.0
3.1	33.7	2642.9	700.0	-1.4	-15.4	144.6	7.7	-4.5	9.3	295.2	295.0	1.5	71.1	4.7	346.0
13.9	37.0	3511.2	675.3	-3.2	-27.4	139.5	7.8	-5.2	7.9	302.0	304.7	0.9	19.4	5.7	347.0
11.7	36.4	3544.9	650.0	-4.9	-23.9	147.2	8.5	-4.4	7.2	303.4	304.1	0.8	20.4	4.1	348.0
12.1	47.2	3654.5	625.0	-6.4	-27.1	154.0	10.2	-4.3	8.2	305.1	298.1	1.0	25.6	6.7	349.0
13.1	40.3	4170.0	430.0	-9.3	-19.0	154.7	11.0	-4.7	10.3	305.4	299.9	1.4	45.0	7.4	350.0
14.3	49.3	4511.9	375.0	-11.6	-21.9	152.9	11.7	-5.1	10.5	306.4	310.1	1.2	42.4	5.2	351.0
15.5	51.4	4841.4	350.0	-13.4	-21.9	143.7	15.5	-7.4	10.1	306.2	312.0	1.2	43.1	9.3	352.0
16.1	54.4	5174.1	525.0	-15.0	-24.5	139.1	13.3	-9.7	10.1	305.2	312.4	1.0	44.0	13.0	353.0
14.0	57.4	5509.4	500.0	-15.2	-24.9	147.7	13.1	-7.0	11.1	305.5	312.4	0.8	41.1	12.3	354.0
14.2	50.0	5344.3	475.0	-22.7	-27.7	157.2	14.0	-5.4	12.0	305.5	312.4	1.0	44.0	11.3	355.0
20.3	54.6	5170.3	450.0	-22.7	-27.7	157.2	14.0	-5.4	12.0	305.5	312.4	1.0	44.0	11.3	356.0
21.9	67.3	5743.7	425.0	-27.6	-27.6	149.0	17.1	-6.9	14.4	311.1	314.0	0.7	35.4	13.1	357.0
23.4	72.7	5170.4	400.0	-31.0	-32.6	159.3	17.2	-4.1	14.1	314.7	315.6	0.8	41.0	14.4	358.0
24.9	74.3	7423.4	375.0	-34.4	-33.7	170.5	17.3	-2.9	15.1	314.0	317.2	0.4	44.4	17.5	359.0
29.7	79.0	8111.0	350.0	-39.3	-43.0	164.9	16.9	-2.3	15.4	317.1	318.0	0.2	41.7	13.1	360.0
24.5	81.7	9417.1	325.0	-42.3	-42.9	162.4	15.3	-4.0	15.6	319.7	320.9	0.2	41.7	13.1	361.0
32.3	90.7	9170.3	300.0	-46.7	-49.4	154.5	15.3	-7.3	15.4	319.6	320.9	0.2	41.7	13.1	362.0
32.4	92.4	9723.9	275.0	-46.7	-49.4	154.5	15.3	-7.3	15.4	319.6	320.9	0.2	41.7	13.1	363.0
34.5	94.2	10237.9	250.0	-47.0	-49.4	154.5	15.5	-6.5	15.2	321.7	320.9	0.2	41.7	13.1	364.0
35.1	94.4	10337.4	225.0	-48.8	-49.4	184.5	15.5	2.3	15.3	324.9	320.9	0.2	41.7	13.1	365.0
33.7	103.4	11741.9	200.0	-50.5	-49.0	180.7	16.0	2.4	15.8	324.9	320.9	0.2	41.7	13.1	366.0
42.6	113.9	12463.4	175.0	-50.7	-49.5	217.0	15.4	11.3	15.3	325.5	320.9	0.2	41.7	13.1	367.0
44.9	114.4	13274.4	150.0	-50.9	-49.5	230.4	20.9	16.0	15.7	325.2	320.9	0.2	41.7	13.1	368.0
50.1	121.3	14447.3	125.0	-50.0	-49.0	245.4	15.5	17.7	9.1	395.1	393.0	0.2	41.7	13.1	369.0
53.2	123.7	15000.5	100.0	-51.1	-49.0	257.3	20.0	19.5	4.4	400.7	399.0	0.2	41.7	13.1	370.0
71.3	137.0	17442.4	75.0	-52.4	-49.0	265.4	15.1	15.0	1.3	442.0	439.0	0.2	41.7	13.1	371.0
93.4	147.1	21554.9	50.0	-50.6	-49.0	277.7	15.6	15.4	-0.2	525.2	520.9	0.2	41.7	13.1	372.0
47.9	159.0	26794.7	25.0	-52.2	-49.0	900.0	990.9	99.0	90.9	600.4	990.9	90.9	90.9	45.1	373.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OF PIPE HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 593
OMAHA, NEBRASKA

10 APRIL 1979
1423 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR WTD CM/KS	RH PCT	RANGE KM	AZ DG
3.3	9.5	422.2	962.7	1.9	-2.1	188.0	7.2	-7.1	1.3	276.1	297.0	3.4	75.0	0.0	0.
9.3	99.9	99.9	1003.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
9.3	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	12.5	507.1	950.3	0.7	-1.9	124.5	10.1	-6.3	5.7	277.5	297.0	3.5	82.7	7.3	235.
1.6	12.6	721.3	925.3	1.7	-0.5	146.5	13.4	-7.4	11.2	281.1	291.5	4.0	85.3	0.9	335.
2.2	13.0	942.0	923.0	2.9	-0.8	163.3	15.1	-4.1	13.5	284.4	295.1	4.0	77.1	1.4	322.
3.1	17.3	1170.9	979.0	2.1	-2.6	178.2	14.6	-0.5	14.	286.0	297.1	4.1	81.0	2.3	330.
3.3	19.4	1406.7	750.0	0.8	-2.7	178.5	13.5	-0.4	13.1	287.0	297.0	3.7	77.5	2.9	335.
4.9	21.9	1848.4	750.0	1.6	-10.9	172.6	10.4	-1.3	10.3	290.3	233.1	1.0	19.6	3.6	341.
5.3	24.2	1892.3	499.0	1.4	-21.4	168.9	8.9	-1.7	8.7	292.7	235.3	0.9	14.2	4.1	342.
5.9	25.7	2147.5	775.3	0.4	-21.9	179.3	10.0	-1.7	9.8	294.5	297.1	0.9	14.5	4.4	343.
7.9	29.1	2413.2	753.2	-3.5	-24.0	166.6	10.1	-2.7	9.9	295.9	299.2	0.7	15.2	5.2	344.
9.3	31.5	2490.4	725.0	-1.2	-24.0	163.9	11.2	-3.1	10.4	298.2	299.5	0.9	15.4	5.9	344.
4.3	36.7	2970.4	700.0	-2.7	-25.2	163.7	11.6	-3.8	10.9	293.5	301.5	0.7	14.7	6.5	344.
13.3	36.6	5247.1	575.0	-3.9	-24.5	157.5	12.2	-4.7	11.1	301.3	307.8	0.8	19.3	7.3	347.
13.3	39.1	3440.0	653.0	-5.9	-17.6	155.6	12.6	-5.6	12.4	303.4	316.9	1.4	39.9	9.2	342.
13.1	41.6	1453.5	655.3	-7.4	-17.6	152.4	13.4	-6.7	12.9	303.9	319.4	1.5	44.2	7.1	342.
13.3	44.4	4145.7	400.0	-10.4	-18.9	154.0	13.3	-6.7	13.8	304.1	320.5	1.4	40.5	10.1	341.
13.7	52.3	5410.7	572.3	-15.1	-19.3	154.2	14.6	-6.2	15.	306.2	311.2	1.6	74.4	12.5	332.
13.3	52.9	5131.1	525.3	-17.4	-19.2	165.7	15.1	-3.7	14.6	307.4	312.3	1.6	95.3	15.7	343.
13.2	55.6	5443.7	730	-20.3	-21.5	165.7	15.1	-3.1	15.2	308.3	312.6	1.4	99.5	14.9	342.
21.4	54.4	5977.7	475.7	-22.5	-24.1	173.8	15.9	-1.7	14.8	310.2	312.7	0.9	52.0	15.9	341.
21.3	51.0	5315.4	457.7	-25.9	-31.3	173.8	15.2	-1.7	15.1	310.9	312.9	0.4	50.0	17.2	342.
23.4	55.3	5725.4	435.1	-24.3	-32.7	172.5	15.8	-2.2	15.7	311.2	313.4	0.5	71.4	15.7	343.
23.3	64.3	7159.7	430.3	-22.1	-39.6	166.1	16.4	-3.9	15.9	313.2	314.4	0.3	52.4	20.3	344.
23.0	71.6	7413.2	375.0	-14.6	-41.9	151.9	16.7	-7.8	15.7	314.5	315.4	0.3	52.2	21.8	344.
23.4	75.1	8384.3	350.3	-35.5	99.9	147.3	25.8	-11.2	17.5	315.5	315.4	0.9	99.9	23.7	342.
33.2	78.1	4531.4	325.3	-47.4	99.9	142.1	25.0	-13.5	17.4	315.6	315.6	0.3	99.9	25.0	341.
31.3	52.4	3174.2	700.3	-44.3	93.9	139.9	21.4	-13.8	14.4	317.2	317.2	0.9	99.9	26.2	333.
33.4	55.5	9542.2	275	-52.1	93.9	128.6	17.4	-13.4	15.9	319.8	319.8	0.9	93.9	27.2	337.
33.4	93.1	13775.6	250.0	-53.5	93.9	140.0	14.0	-10.3	12.3	324.5	319.3	0.9	93.9	32.7	334.
33.2	36.7	17981.7	225.3	-54.4	97.0	145.5	14.1	-4.0	15.4	334.2	319.9	0.9	93.9	28.3	335.
41.3	39.4	11733.4	210.3	-55.5	99.9	207.4	15.3	6.9	15.3	344.9	319.9	0.9	99.9	28.4	334.
43.3	135.0	12572.9	175.0	-57.0	99.9	225.7	15.0	13.6	13.1	355.9	319.9	0.9	99.9	27.9	342.
47.3	113.5	13553.9	150.3	-59.7	53.0	231.4	21.4	14.0	12.4	345.0	319.9	0.9	99.9	33.9	347.
51.1	110.5	14493.3	125.0	-58.6	93.9	243.0	15.5	17.4	9.9	347.0	319.9	0.9	99.9	41.7	353.
55.9	123.7	15472.9	112.7	-58.5	99.9	244.9	17.4	15.7	7.4	416.7	319.9	0.9	99.9	43.4	342.
51.5	132.7	17824.5	75.3	-62.0	93.9	252.0	15.6	15.0	4.9	422.9	319.9	0.9	99.9	45.6	34.
53.1	142.0	23423.3	50.0	-64.2	99.9	266.6	17.2	17.2	1.0	506.1	319.9	0.9	99.9	46.7	19.
53.4	150.3	24843.1	25.3	-51.7	97.9	266.5	17.7	14.7	0.9	635.9	319.9	0.9	99.9	53.9	25.

* JV SPEED MEANS ELEVATION ANGLE BETWEEN A AND 10 DEG

** JV TEMP MEANS TEMPERATURE OF TEMP HAVE BEEN INTERPOLATED

*** JV SLOID MEANS ELEVATION ANGLE LESS THAN 5 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 553
DYANA, NEBRASKA

10 APRIL 1979
1705 GMT

TIME	CNTRY	HEIGHT	PRCS	TEMP	DWPT	DIR	SPED	U COMP	V COMP	POT T	E DT Y	WX RTO	RM	RAWS	AZ
MN		GN	MS	DC C	DC C	DG	M/SEC	M/SEC	M/SEC	DC K	DC K	CM/HG	PCT	HW	DG
003	1013	4000.0	992.1	5.3	-0.5	120.0	11.8	-7.6	4.4	281.6	221.6	3.8	68.2	70.2	04
009	999	999.0	1000.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
015	999	999.0	999.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
021	1114	5034.0	950.0	4.9	-0.3	99.9	991.9	99.9	99.9	281.6	291.6	4.0	72.9	999.9	999.9
027	1314	7104.0	925.0	1.2	-0.7	999.9	991.9	99.9	99.9	291.6	291.6	1.0	99.9	999.9	999.9
033	1510	9729.0	900.0	-0.4	-1.0	999.9	991.9	99.9	99.9	291.6	291.6	3.0	95.1	999.9	999.9
039	1610	1665.0	873.0	2.5	2.4	150.0	1.4	-4.1	10.7	291.6	301.6	5.2	99.4	1.2	315
045	1710	1322.0	843.0	3.5	3.0	174.2	1.5	-4.4	11.5	290.9	304.9	5.6	95.2	1.7	228
051	2015	1044.0	925.0	2.4	1.9	184.2	1.5	0.9	11.5	291.6	315.6	5.3	97.9	2.2	37.7
057	2512	1402.0	930.0	0.0	0.5	174.0	1.4	0.9	12.1	292.1	325.1	5.0	97.1	2.9	32.2
063	2714	2147.4	750.0	-0.5	-1.0	165.0	1.0	-2.2	13.7	293.1	335.7	4.4	97.4	3.5	143.1
069	3314	2603.4	750.0	-1.4	-2.0	161.0	1.0	-4.9	14.0	294.6	346.6	4.3	97.2	4.2	147.2
075	3515	2490.2	725.0	-2.9	-3.2	161.0	1.4	-5.0	14.5	296.1	357.1	4.2	97.2	5.1	143.1
081	3610	2959.0	700.0	-4.2	-4.6	161.1	1.6	-5.5	14.1	297.9	368.9	3.9	97.2	5.9	143.1
087	3816	3243.0	675.0	-4.3	-4.9	174.7	1.6	-6.3	14.7	299.7	379.7	3.7	94.2	6.7	144.2
093	4011	3145.0	650.0	-5.3	-5.7	190.3	1.5	2.7	14.0	291.6	312.1	3.6	94.0	7.6	145.0
099	4214	4142.1	620.0	-6.7	-7.1	195.4	1.4	3.5	12.7	294.0	317.7	3.0	94.5	8.6	152.0
105	4414	4447.7	575.0	-12.2	-14.6	193.9	1.4	3.0	12.0	295.7	318.2	2.2	92.3	13.2	354.0
111	4617	4427.0	550.0	-14.0	-14.5	193.1	1.4	3.5	12.0	296.5	311.4	1.9	92.0	11.2	154.2
117	5115	4479.5	535.0	-17.5	-19.6	195.4	1.3	3.6	12.9	307.4	312.2	1.9	91.7	1.0	157.0
123	5313	4447.5	520.0	-20.2	-24.0	190.7	1.0	2.6	13.4	309.4	311.7	1.9	91.4	12.0	157.0
129	5414	5323.5	475.0	-22.0	-23.4	197.9	1.0	1.9	13.9	299.4	311.6	2.7	91.1	14.0	157.0
135	5714	7114.5	450.0	-25.9	-36.0	197.0	1.0	1.9	12.1	312.6	312.1	3.4	91.4	14.3	315.0
141	6014	4725.0	420.0	-29.1	-32.1	200.2	1.0	4.7	12.9	311.7	311.7	2.7	91.2	17.1	1.0
147	6211	7114.1	400.0	-29.6	-42.1	201.5	1.5	5.7	12.9	312.6	311.7	2.7	91.2	17.1	1.0
153	7211	7079.2	375.0	-34.5	-44.2	201.9	1.5	7.7	12.9	313.3	311.7	2.7	91.2	17.1	1.0
159	7411	7014.1	350.0	-37.5	-47.2	202.9	1.4	9.7	12.9	314.3	311.7	2.7	91.2	17.1	1.0
165	7611	6914.1	325.0	-40.5	-50.2	203.9	1.3	11.7	12.9	315.3	311.7	2.7	91.2	17.1	1.0
171	7811	6814.1	300.0	-43.5	-53.2	204.9	1.2	13.7	12.9	316.3	311.7	2.7	91.2	17.1	1.0
177	8011	6714.1	275.0	-46.5	-56.2	205.9	1.1	15.7	12.9	317.3	311.7	2.7	91.2	17.1	1.0
183	8211	6614.1	250.0	-49.5	-59.2	206.9	1.0	17.7	12.9	318.3	311.7	2.7	91.2	17.1	1.0
189	8411	6514.1	225.0	-52.5	-62.2	207.9	0.9	19.7	12.9	319.3	311.7	2.7	91.2	17.1	1.0
195	8611	6414.1	200.0	-55.5	-65.2	208.9	0.8	21.7	12.9	320.3	311.7	2.7	91.2	17.1	1.0
201	8811	6314.1	175.0	-58.5	-68.2	209.9	0.7	23.7	12.9	321.3	311.7	2.7	91.2	17.1	1.0
207	9011	6214.1	150.0	-61.5	-71.2	210.9	0.6	25.7	12.9	322.3	311.7	2.7	91.2	17.1	1.0
213	9211	6114.1	125.0	-64.5	-74.2	211.9	0.5	27.7	12.9	323.3	311.7	2.7	91.2	17.1	1.0
219	9411	6014.1	100.0	-67.5	-77.2	212.9	0.4	29.7	12.9	324.3	311.7	2.7	91.2	17.1	1.0
225	9611	5914.1	75.0	-70.5	-80.2	213.9	0.3	31.7	12.9	325.3	311.7	2.7	91.2	17.1	1.0
231	9811	5814.1	50.0	-73.5	-83.2	214.9	0.2	33.7	12.9	326.3	311.7	2.7	91.2	17.1	1.0
237	10011	5714.1	25.0	-76.5	-86.2	215.9	0.1	35.7	12.9	327.3	311.7	2.7	91.2	17.1	1.0
243	10211	5614.1	0.0	-79.5	-89.2	216.9	0.0	37.7	12.9	328.3	311.7	2.7	91.2	17.1	1.0
249	10411	5514.1	-25.0	-82.5	-92.2	217.9	-0.1	39.7	12.9	329.3	311.7	2.7	91.2	17.1	1.0
255	10611	5414.1	-50.0	-85.5	-95.2	218.9	-0.2	41.7	12.9	330.3	311.7	2.7	91.2	17.1	1.0
261	10811	5314.1	-75.0	-88.5	-98.2	219.9	-0.3	43.7	12.9	331.3	311.7	2.7	91.2	17.1	1.0
267	11011	5214.1	-100.0	-91.5	-101.2	220.9	-0.4	45.7	12.9	332.3	311.7	2.7	91.2	17.1	1.0
273	11211	5114.1	-125.0	-94.5	-104.2	221.9	-0.5	47.7	12.9	333.3	311.7	2.7	91.2	17.1	1.0
279	11411	5014.1	-150.0	-97.5	-107.2	222.9	-0.6	49.7	12.9	334.3	311.7	2.7	91.2	17.1	1.0
285	11611	4914.1	-175.0	-100.5	-110.2	223.9	-0.7	51.7	12.9	335.3	311.7	2.7	91.2	17.1	1.0
291	11811	4814.1	-200.0	-103.5	-113.2	224.9	-0.8	53.7	12.9	336.3	311.7	2.7	91.2	17.1	1.0
297	12011	4714.1	-225.0	-106.5	-116.2	225.9	-0.9	55.7	12.9	337.3	311.7	2.7	91.2	17.1	1.0
303	12211	4614.1	-250.0	-109.5	-119.2	226.9	-1.0	57.7	12.9	338.3	311.7	2.7	91.2	17.1	1.0
309	12411	4514.1	-275.0	-112.5	-122.2	227.9	-1.1	59.7	12.9	339.3	311.7	2.7	91.2	17.1	1.0
315	12611	4414.1	-300.0	-115.5	-125.2	228.9	-1.2	61.7	12.9	340.3	311.7	2.7	91.2	17.1	1.0
321	12811	4314.1	-325.0	-118.5	-128.2	229.9	-1.3	63.7	12.9	341.3	311.7	2.7	91.2	17.1	1.0
327	13011	4214.1	-350.0	-121.5	-131.2	230.9	-1.4	65.7	12.9	342.3	311.7	2.7	91.2	17.1	1.0
333	13211	4114.1	-375.0	-124.5	-134.2	231.9	-1.5	67.7	12.9	343.3	311.7	2.7	91.2	17.1	1.0
339	13411	4014.1	-400.0	-127.5	-137.2	232.9	-1.6	69.7	12.9	344.3	311.7	2.7	91.2	17.1	1.0
345	13611	3914.1	-425.0	-130.5	-140.2	233.9	-1.7	71.7	12.9	345.3	311.7	2.7	91.2	17.1	1.0
351	13811	3814.1	-450.0	-133.5	-143.2	234.9	-1.8	73.7	12.9	346.3	311.7	2.7	91.2	17.1	1.0
357	14011	3714.1	-475.0	-136.5	-146.2	235.9	-1.9	75.7	12.9	347.3	311.7	2.7	91.2	17.1	1.0
363	14211	3614.1	-500.0	-139.5	-149.2	236.9	-2.0	77.7	12.9	348.3	311.7	2.7	91.2	17.1	1.0
369	14411	3514.1	-525.0	-142.5	-152.2	237.9	-2.1	79.7	12.9	349.3	311.7	2.7	91.2	17.1	1.0
375	14611	3414.1	-550.0	-145.5	-155.2	238.9	-2.2	81.7	12.9	350.3	311.7	2.7	91.2	17.1	1.0
381	14811	3314.1	-575.0	-148.5	-158.2	239.9	-2.3	83.7	12.9	351.3	311.7	2.7	91.2	17.1	1.0
387	15011	3214.1	-600.0	-151.5	-161.2	240.9	-2.4	85.7	12.9	352.3	311.7	2.7	91.2	17.1	1.0
393	15211	3114.1	-625.0	-154.5	-164.2	241.9	-2.5	87.7	12.9	353.3	311.7	2.7	91.2	17.1	1.0
399	15411	3014.1	-650.0	-157.5	-167.2	242.9	-2.6	89.7	12.9	354.3	311.7	2.7	91.2	17.1	1.0
405	15611	2914.1	-675.0	-160.5	-170.2	243.9	-2.7	91.7	12.9	355.3	311.7	2.7	91.2	17.1	1.0
411	15811	2814.1	-700.0	-163.5	-173.2	244.9	-2.8	93.7	12.9	356.3	311.7	2.7	91.2	17.1	1.0
417	16011	2714.1	-725.0	-166.5	-176.2	245.9	-2.9	95.7	12.9	357.3	311.7	2.7	91.2	17.1	1.0
423	16211	2614.1	-750.0	-169.5	-179.2	246.9	-3.0	97.7	12.9	358.3	311.7	2.7	91.2	17.1	1.0
429	16411	2514.1	-775.0	-172.5	-182.2	247.9	-3.1	99.7	12.9	359.3	311.7	2.7	91.2	17.1	1.0
435	16611	2414.1	-800.0	-175.5	-185.2	248.9	-3.2	101.7	12.9	360.3	311.7	2.7	91.2	17.1	1.0
441	16811	2314.1	-825.0	-178.5	-188.2	249.9	-3.3	103.7	12.9	361.3	311.7	2.7	91.2	17.1	1.0
447	17011	2214.1	-850.0	-181.5	-191.2	250.9	-3.4	105.7	12.9	362.3	311.7	2.7	91.2	17.1	1.0
453	17211	2114.1	-875.0	-184.5	-194.2	251.9	-3.5	107.7	12.9	363.3	311.7	2.7	91.2	17.1	1.0
459	17411	2014.1	-900.0	-187.5	-197.2	252.9	-3.6	109.7	12.9	364.3	311.7	2.7	91.2	17.1	1.0
465	17611	1914.1	-925.0	-190.5	-200.2	253.9	-3.7	111.7	12.9	365.3	311.7	2.7	91.2	17.1	1.0
471	17811	1814.1	-950.0	-193.5	-203.2	254.9	-3.8	113.7	12.9	366.3	311.7	2.7	91.2	17.1	1.0
477	18011	1714.1	-975.0	-196.5	-206.2	255.9	-3.9	115.7	12.9	367.3	311.7	2.7	91.2	17.1	1.0
483	18211	1614.1	-1000.0	-199.5	-209.2	256.9									

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
10 BY SPEED MEANS TEMPERATURE AT TIME HAVE PFM INTERPOLAT:O
20 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA10 APRIL 1979
2003 GMT

163 13. 0

TIME MIN	CUTCT	WRIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	HA MTO G4/KG	RM DEG	RANGE KM	AZ DEG
303	134	400.0	940.3	7.1	1.2	120.0	6.2	-5.4	3.1	293.5	295.0	4.4	6.0	7.0	0.
304	93.0	99.9	1299.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9.0	99.9
305	93.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
306	114.0	485.0	957.0	5.1	0.1	110.7	10.9	-9.7	4.7	272.4	274.1	4.1	70.3	0.3	297.0
307	134.0	705.3	925.0	2.6	0.5	110.1	11.5	-10.2	5.4	232.0	233.2	4.3	55.3	5.7	257.0
308	134.0	926.4	903.0	0.7	0.1	120.0	11.9	-9.0	9.9	232.3	233.5	4.3	94.3	1.4	298.0
309	134.0	1144.0	875.0	3.2	2.7	140.2	13.6	-8.7	10.4	207.1	208.2	5.3	94.2	2.1	303.0
310	214.0	1396.0	853.0	4.6	-0.1	150.2	13.9	-5.2	12.9	200.9	202.1	4.5	71.9	2.9	312.0
311	234.0	1433.0	825.0	4.0	-3.1	160.3	13.3	-2.7	13.1	202.8	203.0	3.7	50.9	7.4	317.0
312	254.0	1492.7	790.0	2.2	0.1	170.4	12.0	-1.2	11.0	201.5	202.7	4.9	95.3	4.1	323.0
313	254.0	1774.0	775.0	1.0	-1.3	181.7	12.4	0.4	12.4	204.6	205.7	4.5	94.5	4.7	328.0
314	314.0	2632.2	753.0	-0.7	-2.0	190.1	13.0	2.3	12.8	205.9	207.4	4.2	95.7	5.2	333.0
315	314.0	2673.0	725.0	-1.0	-3.5	199.7	10.5	2.4	14.2	207.5	209.7	4.0	94.2	9.0	339.0
316	314.0	2811.6	723.0	-3.8	-5.0	193.0	10.9	3.9	14.5	208.1	209.0	3.8	90.8	6.3	343.0
317	314.0	3275.0	675.0	-5.2	-7.0	190.1	17.4	4.2	10.3	209.9	210.5	3.4	89.3	7.9	347.0
318	314.0	3534.5	553.0	-8.5	-8.9	190.4	10.2	5.9	10.3	301.6	303.4	3.0	93.2	9.9	350.0
319	314.0	3842.9	425.0	-7.7	-7.9	207.2	10.6	8.5	10.5	303.6	305.1	2.9	94.2	9.7	354.0
320	314.0	4157.4	523.0	-5.6	-11.1	212.2	10.4	10.3	10.4	305.1	307.1	2.7	94.5	11.0	358.0
321	314.0	4455.4	575.0	-11.3	-14.0	210.7	10.8	10.7	10.5	306.0	308.0	2.2	93.1	12.0	362.0
322	314.0	4755.0	633.0	-11.3	-17.1	220.5	10.2	11.4	10.8	309.2	311.2	1.9	93.7	13.1	366.0
323	314.0	5179.9	625.0	-10.1	-17.5	220.1	17.0	12.7	11.4	309.1	311.2	1.9	94.7	14.2	370.0
324	314.0	5574.7	575.0	-10.7	-21.0	227.7	17.5	13.0	11.9	310.2	312.2	1.2	94.7	15.2	374.0
325	314.0	5974.1	475.0	-21.7	-25.7	228.3	17.7	13.2	11.9	311.2	313.2	1.0	94.6	16.3	378.0
326	314.0	6374.2	425.0	-24.9	-29.4	230.5	17.9	14.5	10.4	312.0	314.0	0.9	94.4	17.4	382.0
327	314.0	6774.2	425.0	-24.1	-31.4	230.1	10.3	13.9	9.4	313.1	315.2	0.6	94.4	18.7	386.0
328	314.0	7174.2	425.0	-31.7	-35.1	234.9	17.0	13.9	9.4	313.0	315.3	0.4	94.6	19.9	390.0
329	314.0	7574.2	375.0	-38.4	-39.9	239.5	20.5	10.9	12.2	314.0	316.0	0.3	94.1	21.0	394.0
330	314.0	7974.2	375.0	-45.6	-45.0	234.1	21.0	17.3	12.0	315.4	317.4	0.2	94.9	22.1	398.0
331	314.0	8374.2	375.0	-43.6	-40.9	235.7	22.9	16.2	12.9	316.2	318.2	0.2	94.9	23.2	402.0
332	314.0	8774.2	325.0	-44.4	-42.9	220.5	25.0	19.4	10.2	317.2	319.2	0.3	94.9	24.7	406.0
333	314.0	9174.2	275.0	-53.4	-46.3	227.4	27.6	20.3	10.7	317.9	319.9	0.2	94.9	25.6	410.0
334	314.0	9574.2	255.0	-57.0	-49.6	234.0	23.9	19.1	10.0	321.3	323.3	0.2	94.9	26.7	414.0
335	314.0	9974.2	235.0	-60.3	-52.9	223.1	25.9	17.7	10.9	322.2	324.2	0.2	94.9	27.8	418.0
336	314.0	10374.2	235.0	-57.7	-49.9	226.4	20.8	15.1	10.3	326.6	328.6	0.2	94.9	28.9	422.0
337	314.0	10774.2	175.0	-54.5	-47.9	212.5	18.2	9.0	10.7	330.7	332.7	0.2	94.9	29.9	426.0
338	314.0	11174.2	153.0	-54.5	-47.9	220.0	21.0	15.4	10.1	332.7	334.7	0.2	94.9	30.9	430.0
339	314.0	11574.2	125.0	-57.5	-50.9	235.7	20.2	16.7	11.4	335.1	337.1	0.2	94.9	31.9	434.0
340	314.0	11974.2	103.0	-57.5	-50.9	232.9	25.8	16.6	12.5	336.1	338.1	0.2	94.9	32.9	438.0
341	314.0	12374.2	75.0	-57.5	-50.9	255.7	15.4	10.9	10.9	337.1	339.1	0.2	94.9	33.9	442.0
342	314.0	12774.2	50.0	-55.4	-54.9	263.3	14.9	14.9	10.7	337.6	339.6	0.2	94.9	34.9	446.0
343	314.0	13174.2	25.0	-54.1	-53.3	99.9	99.9	90.9	90.9	603.4	605.4	0.2	94.9	35.9	450.0

0 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 1 BY TEMP 4-9.5 TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 2 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA10 APRIL 1979
2305 GMT

TIME MIN	CNTCY	HEIGHT GFW	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT Y DG K	WX QTO GM/KG	RM QCT	RANGE KM	AZ DG
00	13.4	400.0	957.7	8.9	2.5	100.0	1.2	-1.1	1.1	255.6	256.2	4.9	64.0	23.2	0.
01	93.9	93.9	1001.9	59.9	93.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	93.9	93.9	975.0	99.9	99.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	11.5	45.9	950.0	4.1	1.9	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	1.2	64.5	925.0	6.3	1.5	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
05	1.2	91.4	900.0	3.9	1.2	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
06	2.1	15.9	900.0	2.7	1.4	99.9	91.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
07	13.1	117.1	875.0	4.4	3.6	145.9	1.5	-1.9	1.2	296.2	296.0	4.9	53.9	24.2	21.6
08	23.4	137.4	850.0	4.8	3.6	148.2	1.5	-2.3	1.2	290.9	306.4	4.9	53.9	24.2	21.6
09	22.6	161.2	825.0	4.8	3.4	148.2	1.5	-2.3	1.2	290.9	306.4	4.9	53.9	24.2	21.6
10	23.5	147.5	800.0	4.7	3.4	148.2	1.5	-2.3	1.2	290.9	306.4	4.9	53.9	24.2	21.6
11	27.1	212.6	775.0	3.6	2.6	191.0	1.3	2.7	14.1	297.2	312.9	6.2	51.9	4.7	21.6
12	27.1	233.2	750.0	1.4	0.7	214.3	1.2	5.9	12.9	299.1	313.0	5.4	51.9	5.2	21.6
13	33.1	266.2	725.0	3.1	-1.2	214.3	1.2	7.9	11.5	299.1	313.0	5.4	51.9	5.2	21.6
14	11.1	34.5	700.0	-0.6	-3.0	210.9	1.4	7.9	12.7	301.9	314.3	4.4	51.9	5.2	21.6
15	11.2	37.0	675.0	-2.7	-3.1	217.4	1.4	8.5	11.1	301.9	314.3	4.4	51.9	5.2	21.6
16	11.2	37.0	650.0	-4.3	-4.6	226.5	1.1	11.0	10.4	304.1	314.3	4.4	51.9	5.2	21.6
17	42.1	345.0	625.0	-6.2	-4.7	227.9	1.4	11.9	10.7	305.2	314.3	4.4	51.9	5.2	21.6
18	44.3	414.1	600.0	-7.5	-4.2	227.9	1.4	11.9	10.7	305.2	314.3	4.4	51.9	5.2	21.6
19	44.3	449.6	575.0	-8.9	-3.4	211.1	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
20	50.2	433.2	550.0	-11.7	-2.9	211.1	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
21	53.7	510.4	525.0	-15.0	-2.9	211.1	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
22	53.7	510.4	500.0	-17.5	-2.9	211.1	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
23	53.7	510.4	475.0	-20.4	-2.9	211.1	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
24	53.7	510.4	450.0	-23.6	-2.9	211.1	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
25	53.7	510.4	425.0	-27.1	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
26	53.7	510.4	400.0	-30.9	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
27	53.7	510.4	375.0	-34.1	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
28	53.7	510.4	350.0	-37.5	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
29	53.7	510.4	325.0	-40.9	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
30	53.7	510.4	300.0	-44.3	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
31	53.7	510.4	275.0	-47.7	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
32	53.7	510.4	250.0	-51.1	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
33	53.7	510.4	225.0	-54.5	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
34	53.7	510.4	200.0	-57.9	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
35	53.7	510.4	175.0	-61.3	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
36	53.7	510.4	150.0	-64.7	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
37	53.7	510.4	125.0	-68.1	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
38	53.7	510.4	100.0	-71.5	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
39	53.7	510.4	75.0	-74.9	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
40	53.7	510.4	50.0	-78.3	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
41	53.7	510.4	25.0	-81.7	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6
42	53.7	510.4	0.0	-85.1	-3.3	210.9	1.5	9.5	10.9	309.6	312.0	4.4	51.9	5.2	21.6

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 4 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA11 APRIL 1979
20Z GMT

TIME MIN	CUTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT T DG K	WIND CM/SEC	RM PCT	RANGE KM	AZ DEG
303	1103	400.0	955.0	6.7	1.2	110.0	5.1	-4.9	1.7	283.3	294.9	4.4	68.0	0.0	20
304	94.9	90.0	1070.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
305	99.0	90.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
306	11.0	400.0	955.0	6.9	1.1	117.3	15.6	-13.9	9.9	294.1	295.6	4.4	67.3	0.3	320
307	14.1	407.6	925.0	5.0	0.6	115.6	19.6	-17.6	8.9	294.4	295.8	4.3	71.7	1.1	293
308	19.4	919.5	900.0	2.8	0.7	114.6	19.7	-17.6	9.9	294.4	295.8	4.3	95.9	2.0	293
309	19.4	1134.3	975.0	2.1	1.3	129.5	21.4	-15.7	13.3	296.0	298.7	4.8	94.0	3.3	296
310	21.2	1755.6	955.0	1.8	4.9	136.2	22.0	-15.9	15.3	297.3	310.5	6.4	87.8	4.4	311
311	23.4	1620.8	925.0	5.4	7.6	135.1	19.4	-13.7	13.7	294.5	310.9	6.0	97.3	5.4	311
312	29.1	1872.4	805.0	4.8	4.8	135.0	19.0	-12.7	14.1	296.3	313.7	6.4	94.6	6.2	310
313	30.7	2131.4	775.0	4.4	3.7	142.3	19.1	-11.7	15.1	294.5	316.2	6.5	95.1	7.2	310
314	31.2	2294.9	755.0	3.7	3.0	149.5	15.0	-7.9	12.8	300.6	318.7	6.4	95.0	9.0	310
315	33.4	2674.2	725.0	2.3	1.6	149.6	12.3	-5.2	10.6	302.1	318.7	5.9	94.4	8.4	311
316	34.5	2830.0	705.0	1.3	7.6	154.7	10.9	-4.5	10.0	304.0	320.1	5.7	94.4	9.3	312
317	34.1	3243.9	675.0	-1.2	-2.0	161.9	9.3	-3.9	8.8	304.3	320.3	4.9	94.4	10.2	310
318	40.3	3450.4	650.0	-3.2	-4.0	152.7	10.0	-3.0	9.6	305.3	319.0	4.4	93.9	10.6	310
319	48.4	3943.1	625.0	-5.2	-6.2	172.3	9.6	-1.3	9.5	306.5	317.7	3.9	92.9	11.2	310
320	47.5	4187.0	600.0	-7.4	-8.4	192.4	6.9	0.3	6.9	307.6	317.6	3.4	92.2	11.6	310
321	50.4	4419.4	575.0	-9.0	-10.9	172.0	6.1	-0.4	6.0	308.7	317.5	2.9	92.8	11.9	311
322	53.4	4524.4	555.0	-11.9	-13.4	159.4	6.4	-2.3	6.0	309.9	317.4	2.5	93.7	12.4	320
323	58.4	5006.6	525.0	-15.2	-23.4	180.9	7.5	0.1	7.5	309.9	311.1	0.7	92.5	12.9	320
324	54.5	5572.5	505.0	-17.9	-27.4	196.1	9.9	2.7	9.5	311.2	313.9	0.9	92.4	13.3	320
325	62.5	5854.5	475.0	-20.5	-31.4	205.0	11.0	4.7	10.0	312.6	314.9	0.7	91.2	13.9	320
326	59.7	6152.7	450.0	-22.9	-33.5	205.2	13.4	-7.7	12.1	314.4	315.6	2.7	93.4	14.3	311
327	54.1	6749.3	425.0	-24.1	-35.2	213.2	15.1	9.7	12.7	315.6	317.6	0.6	95.4	15.3	310
328	72.4	7277.1	400.0	-27.7	-38.0	214.1	22.0	12.7	19.7	317.0	321.1	0.5	97.2	15.7	310
329	75.1	7478.0	375.0	-31.1	-43.6	207.7	28.4	13.2	25.1	320.4	322.0	0.4	98.1	17.6	300
330	90.1	8138.4	345.0	-35.7	-47.6	209.9	34.0	16.9	29.5	321.6	322.7	0.3	94.0	20.2	303
331	94.3	8645.4	325.0	-39.4	-48.8	207.7	39.3	18.3	34.9	322.4	323.1	0.2	95.2	21.2	350
332	94.0	9209.1	305.0	-47.4	-57.0	190.6	43.7	18.7	41.2	323.9	329.9	99.9	99.9	25.5	20
333	92.3	9784.0	275.0	-49.0	-62.9	190.3	48.1	15.9	45.4	324.2	329.0	99.9	99.9	25.5	20
334	94.9	10464.4	255.0	-54.2	-70.9	180.4	52.0	17.3	49.1	324.2	329.0	99.9	99.9	25.5	20
335	101.6	11075.0	225.0	-59.3	-76.9	206.3	52.7	23.3	47.2	329.2	329.9	99.9	99.9	25.5	20
336	108.9	11314.9	205.0	-61.0	-80.9	227.4	38.8	25.1	29.4	336.7	336.9	99.9	99.9	25.5	20
337	112.3	12035.4	175.0	-65.4	-92.3	219.1	24.7	15.4	17.1	351.7	339.9	99.9	99.9	25.5	20
338	112.3	13124.1	150.0	-67.0	-92.9	229.7	23.7	17.8	15.4	372.0	339.9	99.9	99.9	25.5	20
339	125.7	14753.3	125.0	-77.7	-92.9	229.6	17.2	13.1	11.2	390.5	339.9	99.9	99.9	25.5	20
340	132.7	15145.8	107.0	-88.4	-92.9	226.6	18.3	10.1	9.0	414.9	339.9	99.9	99.9	25.5	20
341	140.4	14714.4	75.0	-99.9	-92.9	232.1	11.6	11.1	1.4	449.7	339.9	99.9	99.9	25.5	20
342	152.0	20574.4	50.0	-99.9	-92.9	232.1	11.6	11.1	1.4	449.7	339.9	99.9	99.9	25.5	20
343	33.9	99.9	25.0	55.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

* BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
 OMAHA, NE 38.53

 11 APR 1979
 506 GMT

TIME MIN	CATCY	WEIGHT GPM	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	WX RDT G4/RG	DN PCT	RANGE KM	AZ DEG
30.0	13.5	473.0	957.2	7.2	3.0	90.0	4.1	-4.1	0.0	281.9	293.9	4.5	90.0	0.0	0
30.1	7.0	97.0	1073.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.2	34.0	97.9	975.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30.3	11.2	461.9	950.0	4.9	1.4	113.0	14.4	-13.3	5.6	282.2	293.9	4.5	78.0	0.4	295
30.4	13.5	679.1	925.3	3.5	0.7	114.9	17.4	-15.2	4.4	282.9	294.3	4.4	92.3	0.3	271
30.5	15.0	900.0	900.0	2.0	-3.0	132.7	19.7	-14.4	19.3	283.6	294.3	4.2	84.1	1.4	297
30.6	13.2	1124.7	895.0	2.8	2.1	147.6	22.6	-12.1	19.1	284.7	300.2	5.1	95.1	2.8	305
30.7	20.7	1344.9	893.1	4.2	1.5	159.0	24.1	-8.0	19.9	295.5	305.0	5.8	95.1	3.9	314
30.8	23.1	1504.1	895.0	4.5	3.7	154.8	26.1	-8.5	19.2	293.3	309.7	6.1	95.0	4.7	319
30.9	25.4	1644.9	895.0	3.5	2.7	146.7	22.2	-12.2	18.9	294.9	310.7	5.9	94.4	5.8	321
31.0	24.1	2114.2	775.0	2.1	1.4	141.8	22.1	-13.7	17.4	294.1	311.1	5.4	74.4	7.0	322
31.1	32.4	2341.1	757.7	1.1	0.4	136.4	20.5	-14.0	16.9	297.4	312.7	5.2	94.7	9.2	321
31.2	33.2	2653.5	725.7	3.1	-0.7	129.7	19.0	-14.4	12.1	299.5	313.6	5.0	94.7	9.3	320
31.3	33.0	2934.5	703.0	-1.4	-2.4	124.1	17.2	-14.2	9.7	300.7	317.7	4.6	94.6	10.3	319
31.4	34.5	3224.1	675.0	-2.2	-3.1	122.8	16.5	-13.9	9.0	303.2	316.1	4.5	93.5	11.2	318
31.5	41.7	3524.3	650.0	-5.5	-4.5	121.7	15.7	-13.3	8.2	302.7	313.2	3.5	93.1	12.2	316
31.6	44.0	3424.0	625.0	-7.4	-11.5	117.6	15.3	-13.6	7.1	303.5	311.0	2.5	74.4	13.2	315
31.7	45.3	4145.4	600.0	-10.1	-13.4	114.3	14.6	-13.5	6.1	304.5	311.1	2.2	74.4	14.2	314
31.8	47.4	4472.9	575.0	-11.5	-14.5	109.5	14.6	-12.9	4.6	306.5	313.0	2.2	78.2	15.2	312
31.9	52.4	4912.4	553.0	-12.4	-14.4	107.3	13.7	-13.1	4.1	308.2	314.1	1.9	78.0	15.7	311
32.0	57.4	5145.4	525.0	-15.7	-19.0	119.2	13.7	-12.0	6.4	309.5	314.6	1.5	75.9	15.7	310
32.1	53.0	5571.4	500.0	-14.1	-22.9	136.4	13.0	-8.4	9.9	310.9	315.5	1.4	72.0	17.9	310
32.2	52.1	5313.7	475.0	-20.1	-22.7	164.1	13.6	-4.3	15.9	313.1	317.3	1.3	72.4	19.8	311
32.3	55.4	4312.0	450.0	-22.5	-25.0	164.8	13.2	-3.4	14.7	314.5	317.8	1.0	75.4	19.8	310
32.4	59.4	3724.2	425.0	-26.2	-31.0	165.3	23.4	-6.0	22.7	315.5	317.9	0.7	77.2	21.4	310
32.5	72.4	3145.3	400.0	-23.3	-31.4	175.6	24.6	-1.0	23.5	315.9	318.9	0.6	67.4	23.2	310
32.6	75.9	7423.0	375.0	-22.6	-37.1	183.1	24.5	1.3	24.4	314.0	317.5	0.4	64.0	24.9	322
32.7	73.7	9124.2	350.0	-37.0	-42.0	191.2	23.6	4.6	23.2	314.9	319.4	0.3	52.3	25.6	324
32.8	33.4	4113.0	325.0	-40.4	40.9	191.4	23.0	5.9	24.4	320.4	320.9	99.0	99.0	28.5	320
32.9	37.7	3152.5	300.0	-44.5	97.9	195.5	35.9	3.5	35.7	322.1	320.9	99.0	99.0	31.5	330
33.0	42.0	2750.6	275.0	-44.5	97.9	144.4	41.6	4.6	41.4	323.4	320.9	99.0	99.0	34.4	310
33.1	42.0	1735.1	250.0	-47.7	99.9	186.7	45.6	5.3	45.3	324.5	320.9	99.0	99.0	47.2	342
33.2	41.4	1102.9	225.0	-47.7	99.9	189.1	45.6	8.4	51.3	325.5	320.9	99.0	99.0	45.7	345
33.3	45.4	1174.2	203.3	-43.1	93.9	204.6	46.6	19.2	41.4	324.5	320.9	99.0	99.0	51.7	342
33.4	41.2	1257.1	174.0	-55.0	97.9	221.0	30.6	20.1	23.1	324.2	320.9	99.0	99.0	55.4	353
33.5	43.3	1364.2	150.0	-47.4	93.9	219.7	20.9	13.4	16.1	320.2	320.9	99.0	99.0	60.2	356
33.6	45.4	1449.5	125.0	-45.0	99.9	224.1	18.1	12.4	13.0	320.4	320.9	99.0	99.0	62.9	355
33.7	43.4	1403.9	100.0	-42.1	99.9	233.0	19.6	15.7	11.9	411.3	320.9	99.0	99.0	63.5	2
33.8	42.7	1403.4	75.0	-40.6	90.0	248.4	14.0	12.7	5.3	445.3	320.9	99.0	99.0	65.7	5
33.9	42.7	32.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
34.0	42.0	99.0	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA11 APRIL 1979
006 GMT

155 23. 0

TIME MIN	CNCTY	HEIGHT GOM	SPRS MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RM PCT	RANGE KM	AZ DEG
00	10.5	400.0	954.3	3.8	7.9	100.0	8.3	-8.7	1.5	280.7	293.4	5.0	94.0	2.2	0.
01	99.9	99.9	1000.0	99.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99.9	99.9	975.0	99.9	9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	11.0	434.7	950.0	3.5	2.5	132.3	18.3	-18.4	4.0	280.6	293.2	4.8	92.9	0.3	301.
04	13.3	672.0	924.0	2.0	1.0	108.2	19.3	-18.5	6.1	281.7	292.9	4.5	91.4	0.9	231.
05	13.7	974.0	900.0	1.3	0.4	125.0	22.3	-18.2	13.2	282.5	294.3	4.4	93.5	1.9	294.
06	13.1	1101.9	875.0	4.0	4.0	135.0	24.1	-17.1	17.1	284.9	304.4	5.0	93.5	3.1	303.
07	24.5	1300.3	850.0	5.0	6.1	134.3	23.1	-17.1	16.3	291.4	307.6	6.1	93.9	4.2	304.
08	23.7	1524.7	825.0	2.7	2.9	133.6	24.3	-18.0	17.2	292.5	307.9	5.7	94.4	5.3	307.
09	25.5	1572.5	800.0	2.2	1.4	134.1	25.4	-18.3	17.7	293.5	307.9	5.3	94.3	6.4	309.
10	24.9	1586.0	775.0	1.7	0.9	134.4	22.5	-18.0	16.9	294.6	310.1	5.3	94.3	7.3	312.
11	32.4	2323.9	750.0	1.5	-2.1	139.7	17.5	-18.9	15.2	294.2	310.5	4.4	94.3	8.3	312.
12	31.2	2427.1	725.0	2.2	-15.6	179.1	13.6	-18.2	13.6	301.9	305.7	1.2	20.0	10.1	314.
13	35.0	2913.2	700.0	1.3	-25.0	202.5	15.7	-18.2	14.6	303.9	306.2	0.7	11.9	17.4	314.
14	34.6	3201.7	675.0	-2.5	-24.7	208.7	19.4	9.4	17.1	303.8	306.2	0.9	14.2	17.4	323.
15	41.3	3501.6	650.0	-3.4	-24.3	209.4	24.5	12.2	21.6	305.2	307.8	0.8	17.9	11.4	322.
16	44.1	3813.7	625.0	-4.6	-23.8	210.4	30.5	15.5	26.4	307.1	309.5	3.5	11.5	12.4	335.
17	47.1	4130.3	600.0	-7.4	-34.2	213.7	33.7	18.5	28.1	307.5	309.5	0.3	9.5	13.6	343.
18	49.0	4460.2	575.0	-10.1	-33.9	214.4	35.3	22.1	29.3	309.2	309.5	0.4	12.2	15.3	350.
19	52.0	4800.6	550.0	-17.2	-34.5	214.5	38.3	22.0	32.0	308.5	309.7	0.4	14.5	17.3	356.
20	55.0	5152.4	525.0	-15.0	-33.1	217.2	39.5	22.0	31.5	309.2	310.0	0.2	11.5	17.5	2.
21	58.1	5513.9	500.0	-15.3	-61.6	216.2	36.3	21.6	29.5	310.7	310.8	0.0	1.0	23.4	6.
22	62.3	5892.1	475.0	-21.8	-61.8	213.5	31.3	17.4	27.3	311.1	311.3	0.0	1.0	23.4	6.
23	59.0	6204.3	450.0	-25.5	-63.6	209.1	29.7	14.2	24.7	311.7	311.9	0.0	1.0	27.7	12.
24	57.0	6505.0	425.0	-29.1	-63.6	209.1	30.2	14.2	24.7	311.7	311.9	0.0	1.0	27.7	12.
25	72.4	7134.3	400.0	-32.4	-63.7	203.5	33.5	15.5	31.5	312.6	312.7	0.0	2.5	27.1	13.
26	75.1	7537.0	375.0	-36.9	-60.4	207.7	34.3	13.5	32.2	312.7	312.8	0.0	6.4	31.3	14.
27	78.4	8044.9	350.0	-37.0	-58.4	196.7	43.2	12.4	41.3	314.9	319.0	0.0	7.7	36.9	14.
28	81.7	8573.1	325.0	-41.7	-59.9	194.5	48.5	11.0	47.1	319.8	321.4	0.0	9.9	45.7	14.
29	91.2	9112.0	300.0	-45.3	99.9	194.5	49.5	12.4	49.0	321.4	321.4	0.0	9.9	45.7	14.
30	92.2	9487.2	275.0	-49.7	99.9	198.9	61.1	19.8	57.9	323.3	323.3	0.0	9.9	51.0	15.
31	96.4	10307.6	250.0	-52.7	99.9	203.9	62.5	25.4	57.3	327.7	327.7	0.0	9.9	52.4	15.
32	101.4	10880.7	225.0	-56.9	99.9	207.4	47.3	25.4	42.5	331.4	331.4	0.0	9.9	54.9	15.
33	104.6	11724.9	200.0	-59.0	99.9	213.7	46.5	25.4	39.8	339.4	339.4	0.0	9.9	71.3	19.
34	112.2	12554.2	175.0	-60.6	9.9	228.3	26.3	20.0	17.9	349.9	349.9	0.0	9.9	75.4	19.
35	113.3	13526.0	150.0	-66.4	99.9	222.1	18.7	12.6	13.9	369.1	369.1	0.0	9.9	79.1	20.
36	125.0	14722.2	125.0	-63.2	99.9	220.7	17.4	11.3	13.2	355.9	355.9	0.0	9.9	92.2	21.
37	132.7	15449.2	100.0	-64.3	99.9	234.9	15.5	12.7	8.9	415.0	415.0	0.0	9.9	95.2	23.
38	141.7	17372.7	75.0	-65.8	99.9	235.3	16.2	13.4	9.2	447.7	447.7	0.0	9.9	93.8	24.
39	152.0	20033.2	50.0	-60.6	99.9	263.7	17.2	16.9	1.9	501.7	501.7	0.0	9.9	95.3	27.
40	163.0	24000.1	25.0	-61.3	63.0	99.9	99.9	99.9	99.9	637.3	637.3	0.0	9.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION 10. 553
OMAHA, NEBRASKA11 APRIL 1979
1107 GMT

TIME VIV	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEN PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTD GM/KG	MH OCT	RANGE KM	AZ DG
3.3	13.3	400.0	953.4	4.1	3.5	110.0	7.2	-6.6	2.5	281.1	294.4	5.2	96.0	7.3	0.
3.3	9.3	99.0	1750.0	96.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3.3	3.3	99.0	974.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
3.1	13.6	420.2	950.7	4.3	3.3	108.1	8.1	-7.7	2.7	281.3	294.4	5.1	96.3	7.1	132
3.2	12.4	420.4	950.7	2.6	2.2	108.6	12.3	-11.5	4.3	282.1	294.8	4.9	96.3	7.7	250
2.3	15.1	467.4	903.0	1.7	1.2	121.2	17.3	-14.6	6.9	293.3	295.5	4.7	96.3	1.4	231
2.3	17.4	1095.3	974.0	2.4	1.9	146.3	20.3	-11.9	16.4	294.2	299.6	5.0	96.3	2.4	239
3.4	12.7	1170.7	953.7	4.2	3.7	166.8	23.4	-5.3	22.7	290.6	305.3	5.3	96.4	3.4	311
4.5	22.0	1574.3	825.0	6.1	5.5	173.6	23.9	-25.7	23.7	295.0	313.6	6.9	96.5	4.3	321
5.7	24.4	1477.6	900.0	5.4	1.5	162.4	25.5	-4.7	25.4	297.4	312.2	5.4	96.4	5.7	326
5.7	20.4	2344.4	774.0	4.6	-2.0	168.3	23.4	-4.7	22.7	300.7	312.8	4.3	96.7	7.3	334
7.7	24.1	2164.0	753.0	4.6	-5.6	164.1	20.5	-5.4	19.7	301.6	311.5	3.4	96.4	6.5	336
9.7	31.7	2472.4	723.0	3.7	-22.9	175.3	19.1	-4.2	18.4	303.5	306.2	0.4	96.4	9.7	337
9.3	34.2	2316.3	733.0	1.4	-21.3	175.3	20.3	-1.7	20.2	304.3	306.9	0.4	96.4	10.3	338
10.3	34.4	3207.9	673.0	-1.0	-25.6	185.0	22.8	2.0	22.7	304.3	306.6	0.6	96.4	12.1	340
11.4	34.4	3539.1	650.3	-2.5	-27.6	193.4	25.5	6.9	24.6	305.2	307.8	7.5	96.4	13.3	343
12.3	32.1	3417.2	634.0	-5.5	-33.4	193.4	29.4	3.9	27.7	305.1	307.7	0.5	96.4	14.4	347
13.3	43.4	4135.6	523.0	-8.4	-31.8	202.3	30.8	11.7	25.5	306.4	307.9	0.4	96.4	15.4	351
15.3	47.5	4454.4	475.0	-10.7	-42.8	206.6	29.1	13.5	25.9	307.5	309.2	7.2	96.4	16.1	355
15.2	53.4	4404.5	453.0	-17.6	-39.6	212.0	29.9	15.9	25.3	308.0	309.9	0.2	96.4	17.2	358
17.5	54.3	5155.0	525.7	-15.9	-27.1	208.4	30.1	14.9	24.2	308.3	310.9	7.6	96.4	21.2	360
18.1	59.4	5900.7	474.0	-21.9	-27.0	208.9	30.4	11.4	24.0	309.1	312.4	1.0	96.4	24.2	361
21.1	54.7	5255.7	453.0	-21.9	-34.2	208.2	35.1	12.4	32.9	311.1	313.2	0.7	96.4	26.5	364
23.1	55.4	4704.2	434.0	-24.6	-34.2	208.2	36.5	15.4	33.1	311.2	313.4	0.5	96.4	27.5	367
24.9	53.7	7133.3	403.0	-32.7	-42.9	205.9	39.9	19.2	35.0	312.4	313.4	0.3	96.4	32.5	369
26.2	72.7	7502.4	375.0	-40.5	-45.5	205.4	42.9	19.2	39.3	313.3	313.9	0.2	96.4	35.5	371
27.3	73.4	9537.7	324.0	-45.0	-49.9	205.7	47.0	20.8	43.2	314.2	314.2	0.2	96.4	40.3	373
28.3	74.4	9537.7	324.0	-45.0	-49.9	205.7	47.0	20.8	43.2	314.2	314.2	0.2	96.4	40.3	373
31.3	93.3	9107.2	300.0	-45.7	-49.9	191.1	53.2	18.1	43.3	317.2	317.2	0.2	96.4	40.3	373
33.3	97.3	9471.4	275.0	-45.7	-49.9	191.1	53.2	18.1	43.3	317.2	317.2	0.2	96.4	40.3	373
35.3	97.3	12332.2	253.0	-53.5	-53.5	191.1	53.2	18.1	43.3	317.2	317.2	0.2	96.4	40.3	373
36.3	97.3	12332.2	253.0	-53.5	-53.5	191.1	53.2	18.1	43.3	317.2	317.2	0.2	96.4	40.3	373
41.3	123.4	11732.4	203.0	-53.0	-53.0	202.4	52.5	20.4	43.4	319.4	319.4	0.2	96.4	40.3	373
43.3	123.4	12553.7	174.0	-53.0	-53.0	202.4	52.5	20.4	43.4	319.4	319.4	0.2	96.4	40.3	373
46.7	111.4	13539.1	157.0	-53.1	-53.1	202.4	52.5	20.4	43.4	319.4	319.4	0.2	96.4	40.3	373
51.7	113.3	14011.1	125.0	-53.5	-53.5	202.4	52.5	20.4	43.4	319.4	319.4	0.2	96.4	40.3	373
53.2	123.7	15041.6	123.0	-53.5	-53.5	202.4	52.5	20.4	43.4	319.4	319.4	0.2	96.4	40.3	373
53.3	133.7	17005.1	74.0	-53.5	-53.5	202.4	52.5	20.4	43.4	319.4	319.4	0.2	96.4	40.3	373
54.3	144.0	20432.5	53.0	-53.3	-53.3	202.4	52.5	20.4	43.4	319.4	319.4	0.2	96.4	40.3	373
73.5	155.5	24355.1	24.0	-54.2	-54.2	202.4	52.5	20.4	43.4	319.4	319.4	0.2	96.4	40.3	373

BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 962
NORTH PLATTE, NEBRASKA10 APRIL 1979
1400 GMT

TIME MIV	CNTCT	HEIGHT GM	PRIS WB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR RTD GM/KG	RM PCY	RANGE AZ NM	OG
3.0	14.9	817.0	904.2	4.4	1.4	120.0	6.7	-7.8	3.3	285.7	299.1	4.7	51.0	7.2	0.
3.3	14.0	809.9	1702.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	14.0	809.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.9	14.0	809.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4.2	15.2	815.0	925.0	4.2	2.5	127.3	10.0	-7.9	6.0	295.9	299.3	5.1	59.5	0.3	29.9
4.5	17.4	1113.9	925.0	2.2	2.2	131.7	10.1	-7.5	9.7	285.1	299.6	5.1	100.0	0.4	31.4
4.8	19.7	1347.7	853.0	1.1	1.0	149.1	11.1	-5.9	9.5	287.3	300.2	4.9	99.7	1.2	31.7
5.1	22.0	1459.1	825.0	0.7	0.7	153.0	11.1	-6.4	12.6	294.4	302.5	4.9	120.1	1.7	31.7
5.4	24.6	1459.4	900.0	-0.0	-0.0	151.1	13.7	-7.6	13.7	291.1	304.1	4.9	100.0	1.7	31.7
5.7	26.6	2080.6	775.0	-1.2	-1.2	147.3	15.0	-8.1	12.6	292.5	305.3	4.9	99.9	3.4	32.5
6.0	29.0	2450.5	753.0	-2.6	-2.7	146.3	15.5	-8.6	12.9	293.7	305.3	4.2	77.4	4.3	32.5
6.3	31.4	2410.1	725.0	-7.5	-4.2	140.9	16.6	-11.9	14.5	295.7	306.5	3.9	35.0	5.3	32.5
6.6	34.3	2410.6	720.0	-4.7	-7.6	136.3	18.7	-12.9	13.5	297.8	306.5	3.1	77.5	6.4	32.5
6.9	36.4	312.2	575.0	-5.8	-7.7	137.1	18.0	-12.2	13.2	299.1	308.3	3.2	95.8	7.6	32.2
7.2	39.0	3477.7	650.0	-7.8	-1.2	134.4	18.0	-12.9	12.6	300.2	309.3	3.2	74.5	8.3	32.2
7.5	41.5	3722.3	625.0	-9.5	-11.7	127.0	19.7	-15.7	11.5	301.6	307.9	2.1	71.5	9.3	32.0
7.8	44.1	4050.5	610.0	-11.5	-17.9	121.0	19.1	-16.4	9.9	302.8	307.6	1.6	59.9	11.1	31.9
8.1	46.9	4321.7	575.0	-13.6	-23.6	114.1	18.7	-17.1	7.6	304.1	309.1	1.3	55.3	12.4	31.5
8.4	49.5	4759.0	550.0	-15.7	-22.3	109.0	17.1	-16.1	5.6	305.0	309.6	1.2	44.7	13.6	31.4
8.7	52.4	5131.1	525.0	-17.9	-22.5	112.3	16.5	-15.3	5.3	307.1	310.9	1.2	56.3	14.7	31.2
9.0	55.3	5472.4	500.0	-20.1	-25.3	122.2	15.9	-13.5	5.5	308.5	311.5	1.0	43.2	15.9	31.1
9.3	58.4	5820.1	475.0	-21.1	-29.9	119.9	10.4	-6.7	7.9	311.9	314.1	0.7	44.9	17.3	31.1
9.6	61.3	6280.2	453.0	-24.0	-31.2	153.4	9.6	-4.3	4.6	313.1	315.1	0.6	51.4	18.5	31.1
9.9	64.4	6647.7	425.0	-27.2	-31.5	160.2	10.7	-3.6	10.1	314.1	314.7	0.1	7.9	19.5	31.3
10.2	67.4	7077.3	403.0	-31.0	-32.9	153.9	11.9	-5.2	10.6	315.6	314.7	0.0	5.6	19.6	31.4
10.5	71.0	7457.4	375.0	-34.0	-32.9	145.9	11.2	-4.3	9.2	315.2	315.4	0.1	14.0	20.7	31.5
10.8	74.4	7827.3	350.0	-36.4	99.0	133.2	11.7	-6.5	8.0	315.5	309.9	0.3	99.9	21.3	31.5
11.1	77.9	8207.9	325.0	-43.3	99.9	110.8	12.1	-12.0	4.7	317.4	309.9	0.9	99.9	22.3	31.5
11.4	81.4	8573.0	300.0	-46.5	99.9	100.3	16.3	-16.1	2.9	318.9	309.9	0.9	99.9	23.4	31.5
11.7	85.4	8948.3	275.0	-51.4	99.9	104.9	16.0	-15.5	4.1	320.6	309.9	0.9	99.9	24.2	31.7
12.0	89.4	9323.0	250.0	-55.1	99.9	118.4	10.4	-9.1	5.0	324.2	309.9	0.9	99.9	25.4	30.9
12.3	93.4	9698.2	225.0	-57.9	99.9	145.2	8.1	-4.6	6.4	328.8	309.9	0.9	99.9	26.3	31.1
12.6	97.4	10073.0	200.0	-59.4	99.9	194.3	13.8	3.4	13.7	345.0	309.9	0.9	99.9	27.3	31.1
12.9	101.4	10448.9	175.0	-62.4	99.9	212.6	14.0	7.5	11.8	350.9	309.9	0.9	99.9	28.3	31.4
13.2	105.4	10824.0	150.0	-65.7	99.9	212.0	14.6	7.7	12.6	352.4	309.9	0.9	99.9	29.1	32.2
13.5	109.4	11200.0	125.0	-68.6	99.9	231.2	14.5	11.4	9.2	352.6	309.9	0.9	99.9	30.1	32.2
13.8	113.4	11575.7	100.0	-71.7	99.9	237.8	10.4	8.4	5.5	415.2	309.9	0.9	99.9	31.1	32.2
14.1	117.4	11950.7	75.0	-74.2	99.9	233.9	12.6	10.2	7.5	450.9	309.9	0.9	99.9	32.9	31.8
14.4	121.4	12325.4	50.0	-76.2	99.9	263.5	12.8	12.4	1.4	504.3	309.9	0.9	99.9	33.2	34.8
14.7	125.4	12700.0	25.0	-78.2	99.9	263.5	12.8	12.4	1.4	504.3	309.9	0.9	99.9	33.2	34.8
15.0	129.4	13075.0	0.0	-80.2	99.9	263.5	12.8	12.4	1.4	504.3	309.9	0.9	99.9	33.2	34.8

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEMP MEANS TEMPERATURE OP TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA
10 APRIL 1979
2000 GMT

TIME MIN	CUTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX STD GM/KG	RM DEG	RANGE KM	AZ DEG
300	14.8	987.0	902.1	3.3	0.5	100.0	10.3	-10.1	1.0	284.7	286.4	4.4	92.7	3.3	0
310	14.0	989.0	903.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
320	13.0	990.0	904.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
330	12.0	991.0	905.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
340	11.0	992.0	906.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
350	10.0	993.0	907.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
360	9.0	994.0	908.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
370	8.0	995.0	909.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
380	7.0	996.0	910.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
390	6.0	997.0	911.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	5.0	998.0	912.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
410	4.0	999.0	913.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
420	3.0	1000.0	914.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
430	2.0	1001.0	915.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
440	1.0	1002.0	916.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
450	0.0	1003.0	917.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
460	0.0	1004.0	918.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
470	0.0	1005.0	919.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
480	0.0	1006.0	920.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
490	0.0	1007.0	921.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	0.0	1008.0	922.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
510	0.0	1009.0	923.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
520	0.0	1010.0	924.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
530	0.0	1011.0	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
540	0.0	1012.0	926.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
550	0.0	1013.0	927.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
560	0.0	1014.0	928.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
570	0.0	1015.0	929.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
580	0.0	1016.0	930.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
590	0.0	1017.0	931.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
600	0.0	1018.0	932.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
610	0.0	1019.0	933.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
620	0.0	1020.0	934.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
630	0.0	1021.0	935.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
640	0.0	1022.0	936.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
650	0.0	1023.0	937.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
660	0.0	1024.0	938.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
670	0.0	1025.0	939.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
680	0.0	1026.0	940.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
690	0.0	1027.0	941.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
700	0.0	1028.0	942.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
710	0.0	1029.0	943.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
720	0.0	1030.0	944.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
730	0.0	1031.0	945.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
740	0.0	1032.0	946.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
750	0.0	1033.0	947.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
760	0.0	1034.0	948.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
770	0.0	1035.0	949.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
780	0.0	1036.0	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
790	0.0	1037.0	951.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800	0.0	1038.0	952.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
810	0.0	1039.0	953.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
820	0.0	1040.0	954.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
830	0.0	1041.0	955.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
840	0.0	1042.0	956.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
850	0.0	1043.0	957.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
860	0.0	1044.0	958.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
870	0.0	1045.0	959.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
880	0.0	1046.0	960.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
890	0.0	1047.0	961.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
900	0.0	1048.0	962.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
910	0.0	1049.0	963.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
920	0.0	1050.0	964.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
930	0.0	1051.0	965.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
940	0.0	1052.0	966.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
950	0.0	1053.0	967.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
960	0.0	1054.0	968.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
970	0.0	1055.0	969.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
980	0.0	1056.0	970.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
990	0.0	1057.0	971.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1000	0.0	1058.0	972.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPOD MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
 NORTH PLATTE, NEBRASKA

 11 APRIL- 1979
 205 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	WIND GT/KG	RM PCT	RANGE KM	AZ DEG
303	14.4	447.0	900.8	3.3	1.0	100.0	10.3	-10.1	1.9	284.9	294.9	4.6	55.0	0.0	2.0
304	93.0	1037.0	900.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
305	94.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
306	94.0	99.9	952.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
307	94.0	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
308	14.0	894.2	900.0	3.4	1.6	105.3	11.6	-11.2	3.0	295.1	297.0	4.8	97.6	0.7	234.0
309	17.1	1433.7	875.0	2.5	2.5	110.9	14.4	-13.4	5.1	295.4	300.3	5.3	101.1	0.7	234.0
310	17.4	1317.3	850.0	1.3	1.3	114.6	18.2	-16.3	8.1	297.5	300.3	5.3	101.1	0.7	234.0
311	21.7	1444.1	825.0	2.2	2.2	135.2	21.9	-15.4	15.5	291.0	305.4	5.5	100.3	2.3	226.0
312	23.3	1407.9	800.0	3.3	3.3	151.4	26.0	-9.5	17.5	294.7	311.2	6.1	100.3	3.3	226.0
313	25.3	2376.4	775.0	1.7	1.7	157.8	18.1	-6.9	18.9	295.7	311.2	5.6	100.3	3.3	226.0
314	24.6	2109.4	750.0	9.2	0.2	158.5	18.8	-6.9	17.5	296.9	311.2	5.6	100.3	3.3	226.0
315	31.0	2109.4	725.0	-1.2	-1.2	158.5	18.8	-6.9	17.5	296.9	311.2	5.6	100.3	3.3	226.0
316	33.4	2930.0	700.0	-2.3	-2.3	162.7	13.5	-4.0	15.0	300.0	304.1	1.4	37.1	7.0	323.0
317	35.0	3154.2	675.0	-2.2	-2.2	160.5	14.3	-4.0	15.0	300.0	304.1	1.4	37.1	7.0	323.0
318	34.6	3456.8	650.0	-2.4	-2.4	160.5	13.2	-3.3	15.0	302.1	304.1	0.3	4.5	7.4	324.0
319	41.1	3772.2	625.0	-1.8	-1.8	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
320	43.6	4148.2	600.0	-1.4	-1.4	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
321	45.1	4418.2	575.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
322	45.1	4718.2	550.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
323	45.1	5018.2	525.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
324	45.1	5318.2	500.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
325	45.1	5618.2	475.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
326	45.1	5918.2	450.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
327	45.1	6218.2	425.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
328	45.1	6518.2	400.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
329	45.1	6818.2	375.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
330	45.1	7118.2	350.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
331	45.1	7418.2	325.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
332	45.1	7718.2	300.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
333	45.1	8018.2	275.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
334	45.1	8318.2	250.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
335	45.1	8618.2	225.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
336	45.1	8918.2	200.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
337	45.1	9218.2	175.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
338	45.1	9518.2	150.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
339	45.1	9818.2	125.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0
340	45.1	10118.2	100.0	-1.3	-1.3	167.9	12.7	-2.7	15.4	303.6	306.6	1.0	15.4	9.5	325.0

 * JV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 17 DEG
 * JV SPEED MEANS TEMPERATURE OF TIME HAVT BEEN INTERPOLATED
 * JV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

11 APR L 1979
1105 GMT

150 13. 8

TIME MIN	CATCY	WEIGHT GMS	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DEG	SPD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG R	E POT T DEG R	WH RTO GMS/SEC	RM DEG	RANGE M	AZ DEG
000	1007	00700	995.4	3.3	1.2	000	7.7	-7.0	-1.3	285.2	297.5	4.7	96.0	0.3	30
005	0909	00900	1000.2	95.0	000	000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
010	0909	00900	095.0	95.0	000	000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
015	0909	00900	050.0	95.0	000	000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
020	0909	00900	025.0	95.0	000	000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
025	0909	00900	000.0	95.0	000	000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
030	1304	1042.9	975.3	3.3	2.0	95.1	12.2	-12.1	1.9	295.9	299.2	5.1	97.9	0.5	274
035	1304	1276.9	853.7	0.9	2.0	124.4	15.6	-15.0	4.4	287.2	290.9	4.8	97.7	1.1	279
040	2307	1516.5	925.0	5.2	7.1	122.9	18.5	-13.4	9.0	294.8	298.1	4.7	99.4	1.9	294
045	2303	1703.9	930.2	8.9	0.0	147.3	18.2	-8.9	13.6	292.1	305.9	5.1	99.5	2.5	294
050	2406	2149.9	775.0	-8.3	-8.4	160.2	13.0	-1.4	12.3	293.2	305.6	4.9	99.3	3.3	323
055	3104	2291.9	757.9	-3.4	-7.5	161.2	9.9	-2.9	9.6	294.2	309.8	4.9	99.3	3.9	319
060	3401	2503.9	725.7	-1.5	-1.5	157.5	8.2	-2.1	7.5	297.9	311.0	4.7	97.4	4.2	313
065	3506	2911.9	709.2	-2.7	-3.7	148.6	10.9	-2.5	9.4	295.4	310.1	4.1	97.5	4.9	314
070	3405	3114.9	575.0	-5.4	-5.5	144.3	12.3	-7.2	10.0	299.4	319.3	3.9	97.4	5.4	317
075	4204	3414.9	457.2	-6.9	-7.0	145.4	12.4	-7.2	10.5	301.2	319.3	3.9	97.2	6.5	319
080	4303	3723.1	625.7	-8.2	-8.4	141.6	12.4	-7.7	9.7	303.8	312.4	3.5	97.9	7.3	317
085	4501	4035.4	475.2	-11.6	-11.6	135.6	14.9	-10.4	10.7	305.2	315.9	2.6	97.9	8.2	319
090	5101	4752.9	475.2	-11.6	-11.6	125.6	13.7	-11.2	9.0	302.9	307.3	1.4	87.7	9.2	319
095	5401	4635.3	550.0	-17.2	-22.1	116.5	12.8	-11.4	9.7	303.6	307.3	1.2	65.5	10.1	317
100	5703	5042.5	425.7	-15.7	-26.6	116.1	13.3	-11.4	9.9	304.7	307.3	0.9	54.4	11.1	315
105	6205	5473.1	590.9	-22.2	-33.5	114.9	13.3	-12.0	9.6	305.8	307.3	0.5	35.6	12.0	312
110	6305	5779.5	475.3	-25.2	-35.5	106.7	12.7	-12.2	9.4	305.8	309.2	0.4	34.4	12.9	312
115	6701	5169.5	452.2	-25.3	-36.9	104.7	10.6	-10.4	8.0	305.1	309.2	0.4	42.1	13.9	319
120	7304	6574.9	425.2	-35.9	-49.1	115.7	8.2	-7.4	9.5	309.2	315.4	0.3	79.4	14.9	329
125	7401	7004.1	402.0	-38.4	-49.2	133.9	7.4	-5.4	9.1	310.3	311.3	0.1	53.1	15.2	339
130	7709	7451.9	375.2	-38.4	-46.9	140.1	11.3	-7.3	8.7	310.8	311.3	0.1	40.4	16.1	339
135	8209	7921.9	352.9	-42.9	-48.9	144.3	14.3	-9.3	11.4	311.6	311.3	0.0	92.9	17.5	319
140	8307	8416.5	325.0	-45.9	-48.9	147.4	10.6	-17.6	12.8	310.2	309.9	0.0	92.9	18.1	311
145	8402	8933.9	333.9	-45.3	-49.3	149.5	13.4	-6.3	11.5	313.0	309.5	0.3	67.3	22.9	312
150	8402	9433.7	275.0	-53.6	-59.9	151.3	12.2	-5.9	10.7	317.7	309.9	0.0	69.9	21.9	315
155	1334	10116.7	255.2	-52.7	-59.3	161.1	15.7	-5.1	10.9	327.9	309.9	0.0	99.9	23.7	314
160	1334	10512.1	225.2	-52.7	-59.3	170.0	17.3	-2.4	17.3	340.6	309.9	0.0	99.9	25.7	314
165	1402	11522.5	207.1	-51.1	-59.9	191.1	17.6	0.3	17.9	348.4	309.9	0.0	97.9	27.7	321
170	1402	12239.2	175.3	-51.4	-59.9	207.2	17.7	0.1	18.7	364.7	309.9	0.0	97.9	29.1	327
175	1413	12829.2	150.0	-53.3	-59.9	217.1	13.1	7.0	18.6	379.2	309.9	0.0	99.9	31.6	312
180	1413	13456.4	150.0	-53.3	-59.9	217.1	11.4	7.0	9.3	395.4	309.9	0.0	99.9	33.1	337
185	1403	14009.5	142.3	-56.7	-59.9	226.7	12.3	9.0	9.5	415.7	309.9	0.0	99.9	34.7	342
190	1403	15039.3	132.0	-56.7	-59.9	241.5	14.4	14.4	7.9	450.5	309.9	0.0	99.9	36.2	350
195	1454	17027.6	75.7	-58.4	-59.9	244.1	14.6	14.5	1.9	525.5	309.9	0.0	99.9	38.2	350
200	1502	23344.4	50.0	-58.4	-59.9	244.1	14.6	14.5	1.9	525.5	309.9	0.0	99.9	39.2	350
205	1502	23744.0	25.0	-53.2	-59.9	244.1	99.9	99.9	99.9	632.1	309.9	0.0	99.9	41.1	140

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

APPENDIX II

AVE-SESAME I Sounding Data
of Questionable Validity
Presented at 25-mb Intervals

STATION NO. 2
BARTLESVILLE, OKLAHOMA19 APRIL 1979
1723 GMT

TIME MIN	CATC	HEIGHT GDM	PRESS MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT Y DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
000	000	204.0	971.2	16.1	7.8	999.9	99.9	99.9	99.9	291.7	308.9	4.7	58.0	999.9	999.9
005	005	99.9	1097.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
010	010	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9
015	015	457.7	950.0	11.2	6.7	999.9	99.9	99.9	99.9	288.6	325.7	6.5	73.9	999.9	999.9
020	020	601.7	925.0	8.9	4.5	999.9	99.9	99.9	99.9	288.4	305.6	6.6	84.9	999.9	999.9
025	025	618.3	900.0	7.1	6.3	999.9	99.9	99.9	99.9	288.9	305.6	6.7	98.2	999.9	999.9
030	030	1152.1	875.7	17.3	10.1	999.9	99.9	99.9	99.9	294.5	318.1	8.9	98.1	999.9	999.9
035	035	1703.9	850.0	9.7	9.4	999.9	99.9	99.9	99.9	296.4	319.7	8.9	98.2	999.9	999.9
040	040	1642.1	825.0	6.5	7.8	999.9	99.9	99.9	99.9	297.6	319.4	8.1	98.2	999.9	999.9
045	045	1394.4	800.0	6.5	5.7	999.9	99.9	99.9	99.9	298.1	317.6	7.2	98.4	999.9	999.9
050	050	1176.7	775.0	4.7	2.4	999.9	99.9	99.9	99.9	298.9	315.1	5.2	98.4	999.9	999.9
055	055	247.7	750.0	3.5	1.8	999.9	99.9	99.9	99.9	300.4	315.6	5.8	98.2	999.9	999.9
060	060	265.3	725.0	1.9	-2.3	999.9	99.9	99.9	99.9	301.5	314.5	4.5	78.7	999.9	999.9
065	065	231.4	700.0	0.6	-7.4	999.9	99.9	99.9	99.9	303.2	312.3	3.1	58.7	999.9	999.9
070	070	327.5	675.0	-1.5	-9.1	999.9	99.9	99.9	99.9	304.0	312.4	2.6	55.8	999.9	999.9
075	075	1371.5	650.0	-8.9	-12.4	999.9	99.9	99.9	99.9	303.4	311.2	2.7	55.5	999.9	999.9
080	080	1479.4	625.0	-8.6	-24.2	999.9	99.9	99.9	99.9	305.9	308.6	0.9	21.8	999.9	999.9
085	085	1479.4	600.0	-6.1	-39.0	999.9	99.9	99.9	99.9	309.1	308.6	0.2	5.3	999.9	999.9
090	090	453.7	575.0	-5.4	-43.2	999.9	99.9	99.9	99.9	312.2	313.4	0.2	4.7	999.9	999.9
095	095	487.7	550.0	-5.9	-37.5	999.9	99.9	99.9	99.9	312.2	313.2	0.3	9.7	999.9	999.9
100	100	527.1	525.0	-11.4	-34.3	999.9	99.9	99.9	99.9	312.4	314.2	0.4	15.2	999.9	999.9
105	105	543.0	500.0	-18.9	-32.3	999.9	99.9	99.9	99.9	313.4	314.2	0.2	9.7	999.9	999.9
110	110	598.4	475.0	-19.9	-31.1	999.9	99.9	99.9	99.9	314.6	314.9	0.1	4.4	999.9	999.9
115	115	432.5	450.0	-22.1	-47.0	999.9	99.9	99.9	99.9	315.4	315.9	0.1	8.4	999.9	999.9
120	120	581.9	425.0	-25.9	-45.6	999.9	99.9	99.9	99.9	315.8	316.4	0.1	17.7	999.9	999.9
125	125	427.4	400.0	-29.7	-45.3	999.9	99.9	99.9	99.9	316.4	317.0	0.2	20.3	999.9	999.9
130	130	452.1	375.0	-31.4	-51.3	999.9	99.9	99.9	99.9	317.4	317.7	0.1	18.5	999.9	999.9
135	135	461.7	350.0	-37.5	-54.7	999.9	99.9	99.9	99.9	319.2	318.4	0.1	18.5	999.9	999.9
140	140	461.7	325.0	-41.7	-59.9	999.9	99.9	99.9	99.9	319.2	319.0	0.9	93.9	999.9	999.9
145	145	321.0	300.0	-45.6	-59.9	999.9	99.9	99.9	99.9	319.7	319.0	0.5	93.9	999.9	999.9
150	150	273.4	275.0	-51.9	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9
155	155	1747.4	250.0	-51.9	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9
160	160	1135.9	225.0	-57.7	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9
165	165	1135.9	200.0	-57.7	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9
170	170	1135.9	175.0	-57.7	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9
175	175	1135.9	150.0	-57.7	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9
180	180	1135.9	125.0	-57.7	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9
185	185	1135.9	100.0	-57.7	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9
190	190	1135.9	75.0	-57.7	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9
195	195	1135.9	50.0	-57.7	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9
200	200	1135.9	25.0	-57.7	-59.9	999.9	99.9	99.9	99.9	320.7	319.0	0.9	93.9	999.9	999.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 0 FORT SMITH, ARKANSAS 10 APRIL 1979 2005 GMT															100 165. 0	
TIME MIN	CNCT	HEIGHT GPM	WIND KPH	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DEG K	E POT Y DEG K	MX STD CM/KG	RH PCT	RANGE KM	AZ DEG	
3.3	7.6	144.3	987.0	15.6	9.5	100.0	7.2	-7.1	1.3	289.8	309.7	7.6	67.0	0.0	0.	
9.3	9.6	247.7	975.0	14.1	9.3	90.0	11.3	-11.3	-0.0	99.9	99.9	99.9	99.9	99.9	99.9	
1.1	11.7	466.3	950.0	11.9	7.2	97.7	12.2	-12.1	1.5	289.3	307.0	7.1	67.8	0.4	287.	
2.1	13.3	699.3	925.0	10.4	7.2	112.6	14.6	-13.5	5.6	290.0	308.2	6.9	80.3	0.8	285.	
3.1	15.6	917.3	903.0	9.2	6.9	136.8	17.7	-12.6	12.9	291.0	308.4	7.0	95.8	1.4	278.	
3.9	15.1	1142.0	875.0	11.4	11.0	150.3	21.5	-10.7	18.7	295.6	320.7	9.5	97.2	2.4	294.	
6.3	15.5	1395.0	850.0	10.5	10.2	155.0	25.9	-8.8	18.9	297.3	322.1	9.3	97.3	3.3	299.	
5.3	25.0	1543.9	825.0	9.7	7.3	161.1	18.4	-6.0	17.4	299.9	325.8	7.9	94.4	4.4	313.	
7.8	27.9	1900.7	800.0	10.3	9.6	172.3	16.1	-2.1	15.9	302.1	327.8	9.4	95.4	5.4	318.	
5.8	33.4	2164.5	775.0	8.0	7.4	181.2	15.8	-3.1	15.5	302.4	328.5	8.4	96.0	6.2	318.	
9.5	32.4	2454.5	740.0	6.2	5.3	196.1	18.2	-5.0	17.5	303.3	328.7	7.5	96.2	7.4	323.	
13.1	33.1	2713.3	725.0	5.2	3.7	199.7	20.0	-6.7	18.0	305.2	329.7	6.9	96.9	8.6	332.	
11.2	35.6	2998.6	700.0	3.1	0.1	201.8	19.5	-7.2	18.1	305.9	321.6	5.5	90.4	9.6	342.	
12.4	39.4	3293.5	675.0	0.5	-1.6	202.2	18.6	6.4	17.4	305.3	320.8	5.1	85.5	10.7	347.	
13.5	41.2	3593.2	650.0	-2.1	-2.6	201.9	18.5	6.9	17.1	306.8	325.4	4.9	94.5	11.9	350.	
15.3	40.7	4226.9	625.0	-4.9	-3.1	209.9	17.9	10.8	15.6	309.9	316.1	3.1	72.2	12.9	356.	
17.1	49.4	4553.3	600.0	-5.9	-3.1	214.2	15.2	12.6	15.6	309.3	311.1	0.8	13.8	13.8	35.	
15.5	52.4	4331.3	575.0	-10.6	-10.6	214.0	22.5	13.5	19.5	307.7	319.4	1.8	13.8	13.8	35.	
17.3	53.4	5246.7	550.0	-12.7	-11.3	217.9	22.5	15.5	19.5	311.6	320.4	2.9	94.1	16.6	4.	
23.7	59.9	5927.7	500.0	-17.3	-13.6	225.0	22.9	16.2	16.2	313.1	321.0	2.6	93.2	17.9	7.	
22.3	62.0	6411.2	475.0	-19.3	-14.4	232.3	21.0	16.8	13.6	314.1	318.6	1.6	93.2	19.2	13.	
21.3	65.3	6811.2	457.0	-22.2	-20.0	217.9	24.5	18.1	19.7	315.3	314.0	1.1	94.9	20.2	14.	
24.5	64.7	6723.7	425.0	-24.4	-24.4	207.4	37.2	17.1	36.0	319.3	321.9	1.0	79.3	23.7	19.	
25.9	72.1	7246.8	403.0	-27.4	-27.4	207.4	40.6	18.7	36.1	320.4	322.7	0.9	75.4	26.3	19.	
27.2	75.4	7770.8	375.0	-30.4	-34.3	207.4	40.2	17.6	36.1	322.3	323.7	0.6	71.4	29.5	19.	
29.7	79.5	8218.8	350.0	-34.5	-35.5	205.0	40.6	19.0	39.2	324.5	324.4	0.4	65.6	31.3	23.	
31.4	81.5	8727.8	325.0	-38.6	-43.3	205.0	43.6	21.7	38.9	324.9	324.9	0.2	60.4	37.2	21.	
32.2	97.7	9274.5	307.0	-42.5	-43.3	204.2	44.6	22.1	38.9	325.3	325.3	0.9	93.9	42.2	22.	
33.3	92.0	9554.5	275.0	-48.3	-48.3	204.2	44.6	22.1	38.9	325.3	325.3	0.9	93.9	45.3	23.	
35.3	90.5	10475.1	250.0	-55.3	-55.3	211.6	42.2	26.5	37.5	326.6	326.6	0.9	93.9	51.2	23.	
39.3	135.0	11869.5	225.0	-57.7	-57.7	999.9	99.9	38.1	36.9	330.1	999.9	0.9	93.9	57.7	25.	
41.5	125.4	11869.5	225.0	-57.7	-57.7	999.9	99.9	99.9	99.9	353.3	999.9	0.9	93.9	99.9	99.9	
44.2	112.5	12777.6	175.0	-58.8	-58.8	999.9	99.9	99.9	99.9	99.9	99.9	0.9	93.9	99.9	99.9	
92.3	92.3	99.9	150.0	-58.8	-58.8	99.9	99.9	99.9	99.9	99.9	99.9	0.9	93.9	99.9	99.9	
92.3	92.3	99.9	125.0	-58.8	-58.8	99.9	99.9	99.9	99.9	99.9	99.9	0.9	93.9	99.9	99.9	
92.3	92.3	99.9	100.0	-58.8	-58.8	99.9	99.9	99.9	99.9	99.9	99.9	0.9	93.9	99.9	99.9	
92.3	92.3	99.9	75.0	-58.8	-58.8	99.9	99.9	99.9	99.9	99.9	99.9	0.9	93.9	99.9	99.9	
92.3	92.3	99.9	50.0	-58.8	-58.8	99.9	99.9	99.9	99.9	99.9	99.9	0.9	93.9	99.9	99.9	
92.3	92.3	99.9	25.0	-58.8	-58.8	99.9	99.9	99.9	99.9	99.9	99.9	0.9	93.9	99.9	99.9	

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 ** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 6
FORT SMITH, ARKANSAS

11 APRIL 1979
1205 GMT

TIME M/N	CNTCT	WEIGHT GPM	WRES MB	TEMP DEG C	DEW PT DEG C	QIR DEG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO CM/KG	RH PCT	RANGE KM	AZ DEG
3.0	8.6	144.0	980.9	15.9	14.6	150.0	1.0	-0.4	9.9	200.7	318.3	10.7	92.9	0.3	0.
9.3	9.9	1000.2	1000.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.2	9.1	194.6	975.0	14.0	14.9	111.9	13.0	-12.0	4.8	201.3	319.8	11.1	93.3	0.3	259.
3.9	11.5	416.7	950.0	17.9	14.9	122.6	12.9	-10.9	7.0	205.4	329.0	12.9	93.6	0.5	273.
1.5	13.8	646.0	925.3	17.8	14.7	143.4	12.1	-7.2	9.7	207.7	331.9	13.1	93.2	1.1	236.
2.3	15.2	890.4	903.5	16.9	15.8	166.4	10.2	-2.1	16.0	209.0	332.8	12.7	93.2	1.5	324.
2.3	18.5	1121.4	975.0	15.9	14.5	195.9	11.3	3.1	19.9	203.0	331.0	12.2	93.1	1.7	314.
3.3	21.1	1367.7	850.0	14.7	13.7	214.2	15.1	8.5	15.5	301.6	331.2	11.7	93.5	1.9	327.
1.5	23.5	1420.5	825.0	13.2	12.2	219.8	19.7	12.4	15.1	302.5	332.1	10.9	93.5	1.9	317.
3.3	26.1	1973.4	820.0	12.6	11.6	220.8	23.7	15.3	18.0	304.6	334.2	10.4	93.4	2.1	345.
4.2	28.6	2145.4	775.0	10.5	17.0	221.1	27.5	18.1	20.7	305.6	333.3	10.0	93.1	2.3	353.
4.4	31.2	2423.1	750.0	9.6	5.8	221.2	31.4	20.7	23.6	307.0	333.8	9.5	94.6	2.7	1.
3.7	33.4	2701.8	725.0	8.2	7.4	218.0	35.9	22.1	26.3	308.2	333.7	9.0	94.9	3.1	7.
4.3	35.4	2992.0	720.0	7.1	6.4	214.1	40.7	22.9	33.8	310.3	334.9	9.7	95.1	3.6	12.
5.2	37.1	3290.3	575.0	5.4	4.7	213.0	44.1	24.0	36.9	311.7	334.5	8.0	95.2	4.3	15.
5.3	41.3	3592.2	553.0	3.4	2.0	215.9	48.0	27.0	37.3	313.0	334.3	7.3	95.4	5.3	20.
5.5	44.7	3915.5	625.0	0.5	-3.1	218.6	48.9	30.5	38.2	313.2	331.1	6.1	94.9	7.7	25.
5.3	47.5	4244.9	503.0	0.1	-0.7	999.9	999.9	99.9	99.9	316.2	334.3	6.1	94.9	999.9	999.9
7.3	50.4	4584.3	575.0	0.3	-3.8	999.9	999.9	99.9	99.9	320.3	339.3	6.3	92.9	999.9	999.9
7.5	53.4	4944.2	550.0	0.6	-3.9	999.9	999.9	99.9	99.9	324.8	344.8	6.6	90.9	999.9	999.9
7.3	55.4	5319.1	535.0	3.4	5.9	999.9	999.9	99.9	99.9	328.9	999.9	99.9	999.9	999.9	999.9
3.3	57.4	5707.9	430.0	-1.8	5.9	999.9	999.9	99.9	99.9	330.4	999.9	99.9	999.9	999.9	999.9
3.7	62.4	5112.3	475.0	-5.7	5.9	999.9	999.9	99.9	99.9	331.0	999.9	99.9	999.9	999.9	999.9
3.7	65.1	6534.1	450.0	-7.8	9.9	999.9	999.9	99.9	99.9	333.5	997.9	99.9	999.9	999.9	999.9
3.2	69.5	6975.6	425.0	-10.2	9.9	999.9	99.9	99.9	99.9	335.9	999.9	99.9	999.9	999.9	999.9
9.3	74.0	99.9	432.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	76.3	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	78.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	81.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	84.7	99.9	317.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	87.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	90.3	99.9	253.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	92.3	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	94.3	99.9	273.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	96.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	99.0	99.9	157.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	101.0	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	103.0	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	105.0	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	107.0	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	109.0	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9
9.3	111.0	99.9	0.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
BY TWO MEANS TEMPERATURE OR TYPE HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
CAGE, OKLAHOMA

10 APRIL 1979
1133 GMT

121 103. 0

TIME MIN	CNTCT	WEIGHT GON	PRES MB	TEMP DE C	DEW PT DE C	DIR DE	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DE K	E POT T DE K	WZ RTG G4/RG	RH PCT	RANGE KM	AZ DE
20.3	13.4	678.0	824.1	6.2	7.2	90.0	1.5	-1.5	0.0	295.6	301.2	6.0	93.0	0.0	0.0
20.3	23.4	900.0	1000.0	9.0	9.0	90.0	9.0	9.0	9.0	99.9	99.9	9.0	99.9	99.9	99.9
20.3	23.0	900.0	975.0	9.0	9.0	99.9	9.0	9.0	9.0	99.9	99.9	9.0	99.9	99.9	99.9
20.3	23.0	900.0	950.0	9.0	9.0	99.9	9.0	9.0	9.0	99.9	99.9	9.0	99.9	99.9	99.9
20.3	13.4	678.0	825.0	6.2	7.2	91.1	1.7	-1.7	0.0	295.7	321.3	6.0	93.0	0.0	0.0
20.7	15.4	903.6	977.0	4.7	5.7	102.1	12.6	-3.6	12.0	286.3	300.9	5.0	93.4	0.4	11.0
1.6	15.2	1133.6	975.0	7.7	4.8	173.2	18.1	-2.2	18.0	291.3	337.5	6.2	82.4	1.1	13.4
2.5	23.5	1372.2	950.0	6.4	2.1	104.4	19.1	1.5	19.1	292.8	337.1	5.3	74.2	2.1	34.0
3.4	23.1	1616.9	825.0	4.9	3.2	155.4	18.4	4.9	17.7	293.8	309.6	5.9	95.7	3.1	35.0
4.4	25.7	1464.1	825.0	5.9	-7.4	217.2	15.3	9.3	12.2	297.4	319.5	4.7	65.4	4.2	1.0
5.3	25.2	2128.0	775.0	5.0	-7.0	226.3	15.1	10.9	19.4	299.2	317.3	2.9	32.3	4.6	9.0
7.1	30.9	2394.9	750.0	4.2	-10.9	223.1	15.0	10.3	11.0	301.1	317.7	2.2	32.3	5.2	13.0
7.1	30.9	2450.6	750.0	2.0	-13.5	222.5	16.2	11.0	11.9	301.6	317.4	1.9	31.7	4.0	16.0
8.1	30.0	2451.6	750.0	0.4	-13.5	219.1	17.9	11.3	13.9	302.9	308.7	1.9	31.5	7.2	21.0
10.3	31.4	2541.6	675.0	-2.7	-12.2	226.0	18.1	13.0	12.5	302.7	308.2	2.2	47.9	9.2	23.0
11.1	40.2	1947.2	625.0	-5.0	-7.1	232.7	19.9	15.9	12.0	303.4	313.4	3.5	95.0	9.0	27.0
11.2	47.0	4164.6	500.0	-9.5	-7.0	233.9	18.6	15.1	10.4	304.0	315.0	3.4	97.0	12.0	32.0
13.3	53.2	4493.4	575.0	-10.9	-14.5	235.1	21.1	17.3	12.1	306.3	315.2	3.0	92.1	11.2	32.0
14.5	52.3	4436.1	575.0	-10.9	-14.5	235.1	21.1	17.3	12.1	307.3	315.9	2.2	74.0	12.3	35.0
15.7	55.0	4157.3	525.0	-13.2	-16.8	235.5	23.1	20.1	11.4	308.4	316.3	1.6	62.0	13.3	37.0
17.3	55.1	5535.2	475.0	-19.0	-20.8	244.0	23.8	21.4	10.5	319.3	313.5	1.0	42.9	15.4	40.0
18.3	55.3	5935.6	475.0	-21.0	-31.5	245.1	25.2	23.0	10.4	311.1	312.9	0.5	27.5	17.1	43.0
19.4	55.4	4732.4	450.0	-24.4	-42.0	244.2	25.1	27.6	10.7	312.6	313.4	0.2	41.6	19.2	45.0
21.2	55.4	5745.4	425.0	-27.2	-42.0	244.2	26.4	24.2	10.7	314.1	314.1	0.0	3.5	21.2	47.0
22.7	72.4	7170.5	425.0	-31.2	-47.8	246.6	27.7	25.5	11.3	314.4	314.4	0.0	1.4	23.2	49.0
23.3	75.2	7512.7	375.0	-35.4	-50.4	246.6	28.4	26.6	9.9	314.6	314.6	0.0	5.9	25.3	52.0
23.9	80.0	9109.6	350.0	-39.1	-53.3	249.5	32.1	30.0	11.2	316.0	316.0	0.0	5.7	27.3	52.0
27.3	80.2	4612.2	325.0	-43.6	-59.9	249.2	31.2	28.1	11.1	316.8	999.9	99.9	99.9	30.4	55.0
27.9	80.2	3145.4	325.0	-48.0	-59.9	250.1	31.6	29.7	10.8	317.7	999.9	99.9	99.9	30.2	57.0
31.9	80.4	7716.9	275.0	-51.7	-59.9	254.1	32.6	31.3	9.9	320.4	999.9	99.9	99.9	41.7	59.0
33.9	87.0	13330.9	250.0	-52.4	-59.9	253.9	27.9	36.8	0.7	327.9	999.9	99.9	99.9	43.0	61.0
35.1	120.3	11010.1	225.0	-54.2	-59.9	249.1	31.7	29.4	11.3	315.3	999.9	99.9	99.9	52.6	61.0
36.4	137.2	11754.8	275.0	-54.3	-59.9	250.6	33.2	28.6	16.8	345.2	999.9	99.9	99.9	55.1	61.0
43.9	137.0	12600.1	175.0	-56.5	-59.9	247.9	31.9	28.7	14.0	355.7	999.9	99.9	99.9	59.9	61.0
43.9	137.3	13578.9	150.0	-59.1	-59.9	245.6	29.6	26.9	12.2	368.3	999.9	99.9	99.9	65.1	62.0
45.9	125.3	14721.4	125.0	-60.2	-59.9	999.9	999.9	99.9	99.9	355.4	999.9	99.9	99.9	70.7	62.0
46.9	90.9	90.9	120.0	99.9	99.9	99.9	99.9	99.9	99.9	39.9	999.9	99.9	99.9	99.9	99.9
47.9	90.9	90.9	74.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
48.9	90.9	90.9	53.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.9	90.9	90.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

* BY SLOPED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMD MEANS TEMPERATURE 00 TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
GAGE, OKLAHOMA
10 APRIL 1970
1010 GMT

TIME MIN	CNTCT	HEIGHT GMS	PRES MM	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MX STO GN/KG	SW PCT	RANGE KM	AZ DG
30.3	12.6	676.0	824.5	4.0	7.5	160.0	9.3	-3.2	8.7	288.6	374.9	7.0	97.0	117	113.0
30.9	30.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	0.0
31.0	30.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.3	32.3	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
31.9	32.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
32.3	16.1	99.9	900.0	7.2	6.0	170.5	13.2	-2.2	13.0	289.0	306.2	9.6	92.1	0.4	342.0
32.9	18.5	1132.5	875.0	4.5	4.5	180.7	16.8	2.0	16.7	290.6	307.8	4.5	93.2	1.3	352.0
33.4	21.3	1137.5	850.0	7.3	4.5	190.7	17.6	5.1	16.9	291.9	308.5	6.2	93.1	2.0	0.0
33.9	23.5	1615.6	825.0	7.3	-10.5	204.5	16.6	6.9	15.1	294.3	312.4	2.1	27.9	2.8	5.0
34.2	24.5	1453.3	800.0	8.1	-11.1	206.0	14.5	6.3	13.0	299.8	315.0	1.7	25.4	3.5	10.0
34.9	24.4	2130.7	775.0	6.9	-10.1	211.9	13.9	7.3	11.9	301.1	307.9	2.3	29.4	4.2	13.0
35.3	31.1	2379.4	750.0	4.5	-9.2	214.3	16.7	9.4	12.5	301.4	309.4	2.7	37.0	4.9	17.0
35.9	33.5	2644.3	725.0	2.7	-8.9	217.1	15.7	9.5	12.5	302.4	311.6	3.2	49.3	5.9	19.0
36.9	32.3	2957.3	700.0	0.6	-9.9	222.5	16.5	11.2	12.1	303.1	311.3	2.8	48.9	6.7	22.0
37.3	32.3	3247.7	675.0	-2.0	-9.3	226.3	15.4	11.1	10.7	303.4	311.6	2.6	57.1	7.6	25.0
37.9	41.9	3544.7	650.0	-4.4	-10.0	224.4	15.2	10.4	10.9	304.0	312.1	2.7	65.0	8.5	27.0
38.2	47.4	3844.5	625.0	-6.7	-11.2	221.5	15.3	12.9	14.5	304.6	312.5	2.6	73.2	9.5	29.0
38.9	50.4	4172.4	600.0	-8.8	-12.0	219.7	23.1	14.6	17.0	305.9	312.4	2.2	81.1	11.1	31.0
39.3	50.4	4500.5	575.0	-11.5	-12.6	219.4	23.8	15.2	18.3	306.5	311.6	1.7	87.9	12.9	32.0
39.9	53.4	4837.9	550.0	-13.4	-14.4	224.3	24.9	17.4	17.4	307.2	309.7	0.2	91.1	14.9	33.0
40.3	55.4	5192.8	525.0	-15.5	-15.7	227.2	25.3	18.6	17.2	307.9	310.6	0.3	121.1	16.9	35.0
40.9	58.4	5558.7	500.0	-17.7	-17.7	234.0	23.3	18.8	13.7	310.2	311.4	0.0	192.2	18.7	36.0
41.3	58.4	5930.9	475.0	-20.4	-18.9	233.9	24.6	19.8	14.5	312.2	312.8	0.0	1.0	20.4	38.0
41.9	59.1	6304.9	450.0	-22.5	-19.9	231.3	25.6	20.7	16.4	313.8	313.9	0.0	1.0	22.2	39.0
42.3	63.4	6752.4	425.0	-27.4	-24.9	231.9	25.6	20.2	15.9	314.0	314.4	0.1	13.9	24.3	42.0
42.9	70.0	7195.2	400.0	-31.1	-28.6	231.9	25.6	21.9	17.5	314.6	315.3	0.2	27.8	26.4	41.0
43.3	76.7	7648.7	375.0	-35.4	-33.4	229.5	25.2	22.3	18.8	314.7	315.1	0.1	19.7	28.9	42.0
43.9	83.4	8115.4	350.0	-39.2	-36.5	230.1	34.9	26.9	22.4	315.6	315.9	0.0	7.3	32.3	43.0
44.3	85.3	8518.9	325.0	-43.5	-40.9	231.7	34.5	27.1	21.4	316.7	316.9	0.0	400.9	35.9	44.0
44.9	85.5	8921.2	300.0	-47.9	-45.9	228.8	36.6	29.2	25.5	317.9	317.9	0.0	99.9	42.2	44.0
45.3	92.7	9321.7	275.0	-51.4	-49.9	232.2	41.2	32.6	24.3	320.9	319.9	0.0	99.9	45.9	45.0
45.9	97.2	9742.4	250.0	-55.5	-53.9	239.2	41.1	36.1	21.5	331.0	319.9	0.0	99.9	52.1	46.0
46.3	102.0	10176.1	225.0	-57.7	-55.9	231.9	34.1	26.8	21.0	336.2	319.9	0.0	99.9	55.2	47.0
46.9	107.0	10623.4	200.0	-57.3	-55.9	229.3	34.9	24.4	21.9	342.0	319.9	0.0	99.9	57.4	47.0
47.3	112.9	11073.4	175.0	-56.0	-54.9	232.6	34.74	29.1	22.3	357.5	319.9	0.0	99.9	63.3	48.0
47.9	118.4	11501.1	150.0	-57.7	-56.9	240.8	36.04	26.2	14.6	370.7	319.9	0.0	99.9	72.2	49.0
48.3	125.5	11952.5	125.0	-57.1	-56.9	249.9	36.04	26.2	14.6	391.7	319.9	0.0	99.9	85.9	50.0
48.9	130.9	12400.9	100.0	-56.9	-56.9	249.9	36.04	26.2	14.6	411.7	319.9	0.0	99.9	99.9	51.0
49.3	136.9	12850.9	75.0	-56.9	-56.9	249.9	36.04	26.2	14.6	431.7	319.9	0.0	99.9	99.9	52.0
49.9	142.9	13300.9	50.0	-56.9	-56.9	249.9	36.04	26.2	14.6	451.7	319.9	0.0	99.9	99.9	53.0
50.3	148.9	13750.9	25.0	-56.9	-56.9	249.9	36.04	26.2	14.6	471.7	319.9	0.0	99.9	99.9	54.0
50.9	154.9	14200.9	0.0	-56.9	-56.9	249.9	36.04	26.2	14.6	491.7	319.9	0.0	99.9	99.9	55.0

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE 30 TIME HAVE BEEN INTERPOLATED
 ** BY SLOPED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 9
GAGE, OKLAHOMA
10 APRIL 1979
1700 GMT

TIME -M	CNTCY	WEIGHT GPM	PRES MB	TEMP DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX RTO CM/KG	RM PCT	RANGE KM	AZ DG
3:0	13:3	679.0	922.1	15.5	10.1	10.8	-3.7	10.1	295.4	317.9	9.4	73.0	0.9	0.0
3:1	99.9	1300.0	920.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3:2	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3:3	99.9	99.9	980.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3:4	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3:5	15.5	99.9	900.0	10.7	99.9	173.0	-1.9	15.1	292.6	99.9	99.9	99.9	99.9	99.9
4:0	16.0	1113.7	875.0	6.4	99.9	190.0	0.0	16.1	292.6	99.9	99.9	99.9	99.9	99.9
4:1	21.4	1395.0	950.0	12.8	0.2	197.5	5.2	16.6	299.5	312.9	4.6	44.8	1.6	33.7
4:2	23.0	1674.0	925.0	12.6	-5.0	204.1	7.3	16.2	301.9	318.2	3.2	24.4	2.4	7.0
4:3	26.5	1462.9	900.0	10.1	-6.0	205.5	8.2	17.3	301.9	318.8	3.1	31.6	3.3	12.0
4:4	23.1	2124.0	775.0	8.5	-6.1	205.3	20.7	19.7	303.0	312.1	3.1	34.7	4.3	15.0
4:5	31.7	2305.9	750.0	6.1	-6.4	206.7	8.6	19.6	303.2	312.4	3.2	40.3	5.4	17.0
5:0	34.4	2672.4	735.0	3.7	-6.9	207.4	20.4	19.1	303.5	312.7	3.1	45.9	6.5	19.0
5:1	37.1	2976.0	703.0	0.8	-7.5	207.9	18.8	16.6	303.6	312.5	3.1	53.4	7.6	23.0
5:2	39.9	3267.1	675.0	-1.8	-7.3	206.5	18.0	16.9	303.7	312.2	3.3	65.9	9.9	21.0
5:3	42.4	3455.2	650.0	-4.4	-7.3	207.6	18.0	17.5	304.0	312.5	2.9	67.9	10.0	22.0
5:4	45.4	3646.1	625.0	-6.7	-13.4	205.4	19.9	17.5	304.8	311.3	2.2	54.9	11.3	22.0
5:5	48.4	4171.3	600.0	-8.4	-17.6	212.2	21.5	19.0	305.3	311.0	1.9	68.7	12.5	23.0
6:0	51.4	4409.8	575.0	-12.0	-19.7	216.3	14.8	19.1	304.9	310.2	1.4	52.9	14.5	25.0
6:1	54.4	4737.5	550.0	-14.2	-27.0	217.7	25.9	23.5	307.2	309.7	0.9	32.5	16.3	26.0
6:2	57.4	5190.0	525.0	-16.5	-29.1	218.6	15.9	23.1	307.7	311.0	0.7	36.5	19.3	27.0
6:3	60.4	5551.6	500.0	-18.7	-24.8	218.4	17.1	26.6	310.2	313.0	0.8	44.8	22.9	28.0
6:4	63.4	5916.7	475.0	-21.0	-33.2	210.0	16.1	27.9	311.2	312.9	0.5	34.0	23.3	29.0
6:5	66.4	6311.3	450.0	-24.1	-39.2	210.5	16.1	27.4	313.0	318.0	0.3	23.3	24.8	29.0
7:0	70.3	6755.9	425.0	-27.3	-45.7	215.0	19.1	29.3	314.0	318.6	0.1	15.3	29.5	29.0
7:1	73.3	7199.1	400.0	-31.2	-45.1	217.2	20.3	29.8	314.5	315.8	0.1	21.4	31.2	30.0
7:2	76.3	7522.8	375.0	-35.3	-41.4	215.4	19.5	29.6	314.9	315.8	0.3	53.2	34.3	30.0
7:3	79.3	7896.6	350.0	-38.0	-43.8	214.4	19.5	29.4	316.1	315.9	3.2	59.9	37.1	31.0
7:4	82.3	8124.4	325.0	-40.9	-42.9	213.7	19.5	32.4	314.7	315.9	99.9	99.9	42.3	31.0
7:5	85.3	8314.5	300.0	-44.6	-40.9	212.0	20.4	31.8	316.4	315.4	99.9	99.9	44.1	31.0
8:0	88.3	8486.5	275.0	-48.6	-37.9	212.0	21.4	32.1	317.5	317.5	99.9	99.9	42.1	31.0
8:1	91.3	8702.7	250.0	-52.7	-37.9	213.7	21.4	32.1	317.5	317.5	99.9	99.9	42.1	31.0
8:2	94.3	8918.9	225.0	-56.8	-37.9	222.7	30.6	33.3	326.6	317.5	99.9	99.9	42.1	31.0
8:3	97.3	9135.1	200.0	-60.9	-37.9	227.9	31.9	28.7	334.4	317.5	99.9	99.9	42.1	31.0
8:4	100.3	9351.3	175.0	-65.0	-37.9	227.9	30.6	27.6	347.7	317.5	99.9	99.9	42.1	31.0
8:5	103.3	9567.5	150.0	-69.1	-37.9	230.5	28.1	19.5	364.1	317.5	99.9	99.9	42.1	31.0
9:0	106.3	9783.7	125.0	-73.2	-37.9	234.5	26.1	18.6	373.8	317.5	99.9	99.9	42.1	31.0
9:1	109.3	10000.0	100.0	-77.3	-37.9	238.8	24.1	17.5	383.0	317.5	99.9	99.9	42.1	31.0
9:2	112.3	10216.2	75.0	-81.4	-37.9	243.1	22.1	16.6	392.2	317.5	99.9	99.9	42.1	31.0
9:3	115.3	10432.4	50.0	-85.5	-37.9	247.4	20.1	15.7	401.4	317.5	99.9	99.9	42.1	31.0
9:4	118.3	10648.6	25.0	-89.6	-37.9	251.7	18.1	14.8	410.6	317.5	99.9	99.9	42.1	31.0
9:5	121.3	10864.8	0.0	-93.7	-37.9	256.0	16.1	13.9	419.8	317.5	99.9	99.9	42.1	31.0

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

[illegible]

33 BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
34 BY TEMP MEANS TEMPERATURE CO TIME HAVE BEEN INTERPOLATED
35 BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

ORIGINAL PAGE IS
OF POOR QUALITY

STATION NO. 9 GAGE, OKLAHOMA													
10 APRIL 1979 2310 GMT													
LINE	CNTCT	WEIGHT	PRES	TEMP	CFM PT	DTP	SPEED	U COMP	V COMP	POT T	E POT T	MX WTO	RH
WV		GN	NO	DC C	DC C	DC	M/SEC	M/SEC	M/SEC	DC K	DC K	CM/KG	PCT
116	83.0												
3.2	13.8	678.2	916.3	12.3	10.5	120.0	4.1	-3.6	2.0	-92.7	315.7	8.8	92.0
3.3	9.0	90.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.4	9.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.5	9.0	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.6	9.0	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
3.7	15.2	925.3	970.2	11.9	9.2	144.2	12.1	-7.1	9.0	293.7	315.4	8.2	92.8
3.8	1.4	1064.5	875.0	10.7	6.0	168.1	8.8	-1.8	8.6	294.9	313.1	6.8	72.7
3.9	1.7	1105.3	950.0	9.3	4.8	200.2	8.1	2.8	7.6	295.9	313.2	8.4	73.5
3.10	2.0	1553.0	825.0	7.9	3.7	210.3	10.3	5.4	9.3	295.2	313.4	6.1	73.5
3.11	3.3	1978.6	800.0	6.4	2.3	212.7	13.6	7.4	11.5	299.0	313.5	5.7	74.9
3.12	4.5	2064.7	775.0	4.5	1.5	217.4	14.8	9.0	11.3	299.6	313.9	5.5	91.0
3.13	5.5	2333.1	750.0	2.6	1.5	220.5	16.6	10.8	12.6	299.4	315.2	5.7	92.5
3.14	7.3	2405.7	725.0	0.2	-0.3	224.4	17.9	12.6	13.9	299.7	315.1	5.2	94.5
3.15	13.9	2477.8	725.0	-1.0	-1.9	229.2	21.0	15.9	13.7	301.3	315.8	4.8	93.8
3.16	30.4	3177.7	675.0	-2.6	-3.4	231.4	23.8	18.6	14.9	302.8	315.7	3.9	92.5
3.17	33.9	3475.9	625.0	-5.3	-6.3	234.3	24.4	19.9	14.2	302.9	313.6	3.7	93.1
3.18	13.3	4152.3	575.0	-7.7	-8.7	236.3	25.3	21.0	14.1	303.7	313.3	3.3	93.8
3.19	11.2	4400.4	550.0	-8.8	-10.8	235.3	26.1	21.5	14.9	304.8	313.1	2.9	92.4
3.20	12.5	4427.7	575.0	-11.5	-12.3	230.3	25.7	19.7	16.4	306.5	315.2	2.4	90.5
3.21	13.5	4767.4	550.0	-13.3	-14.6	211.5	28.0	18.6	21.0	308.3	315.2	2.2	90.1
3.22	5.3	5120.5	525.0	-15.4	-17.2	217.2	31.7	19.2	27.3	309.4	315.8	1.9	92.6
3.23	5.3	5070.9	500.0	-17.9	-20.5	211.7	32.0	18.8	27.3	311.4	316.4	1.9	92.6
3.24	7.3	5470.3	475.0	-19.4	-22.2	202.4	32.0	12.2	29.6	314.0	316.1	2.0	1.0
3.25	9.2	6253.4	450.0	-22.0	-24.5	197.5	32.5	10.3	30.4	314.5	316.6	2.0	1.0
3.26	13.5	5456.1	425.0	-25.6	-28.5	197.9	28.5	6.9	27.6	316.2	317.2	0.5	43.0
3.27	2.4	7123.1	425.0	-28.5	-32.6	180.4	25.2	2.8	23.0	318.0	319.5	0.5	50.0
3.28	4.2	7582.3	375.0	-32.0	-38.9	164.6	24.1	1.9	24.0	319.3	320.4	0.3	49.8
3.29	5.7	8044.6	350.0	-34.4	-43.1	181.9	21.7	0.7	21.7	319.7	320.6	0.2	48.3
3.30	7.5	9574.4	325.0	-41.0	-52.9	182.0	23.5	0.8	23.5	320.2	320.9	97.2	97.9
3.31	9.3	9112.9	375.0	-45.6	-59.9	195.3	25.5	2.4	25.3	321.1	320.9	99.9	97.9
3.32	9.3	9632.1	275.0	-48.4	-69.9	199.8	35.0	5.9	34.9	325.1	320.9	99.9	97.9
3.33	9.3	10310.1	250.0	-53.2	-90.9	184.4	43.5	6.4	43.7	327.0	320.9	99.9	97.9
3.34	9.3	13394.2	225.0	-54.5	-99.9	202.8	48.6	18.6	44.9	331.9	320.9	99.9	97.9
3.35	7.7	11724.2	275.0	-59.3	-99.9	218.0	43.7	28.8	34.4	338.9	320.9	97.2	97.9
3.36	1.3	12560.4	175.0	-55.4	-99.9	224.0	44.0	30.3	31.6	359.2	320.9	99.9	97.9
3.37	4.2	1320.0	150.0	-55.4	-99.9	236.0	34.1	28.3	19.1	374.6	320.9	99.9	97.9
3.38	7.5	18734.5	125.0	-52.9	-99.9	230.7	28.8	22.1	19.1	398.4	320.9	99.9	97.9
3.39	12.7	16125.1	100.0	-57.0	-99.9	990.2	999.9	99.9	99.9	417.7	320.9	99.9	97.9
3.40	9.3	90.9	75.0	39.0	92.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	97.9
3.41	12.3	90.9	57.5	55.9	92.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	97.9
3.42	9.3	90.9	25.0	65.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	97.9

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
 * BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
 * BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

TIME	CUTCT	WEIGHT	DRCS	TEMP	DCW PT	DIA	SPEED	U COMP	V COMP	POT T	E POT T	MR DTD	RM	RANGE	AZ
MIN		GRAMS	MM	DE C	DE C	DE	MM/SEC	MM/SEC	MM/SEC	DE K	DE K	CM/SEC	MM	MM	DE
000	14.5	974.0	915.0	10.9	9.9	100.0	0.0	0.0	0.0	291.0	913.0	7.9	99.9	99.9	9.2
001	90.0	999.0	1090.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	913.0	99.9	999.9	999.9	999.9
002	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
003	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
004	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
005	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
006	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
007	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
008	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
009	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
010	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
011	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
012	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
013	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
014	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
015	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
016	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
017	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
018	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
019	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
020	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
021	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
022	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
023	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
024	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
025	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
026	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
027	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
028	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
029	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
030	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
031	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
032	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
033	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
034	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
035	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
036	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
037	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
038	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
039	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
040	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
041	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
042	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
043	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
044	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
045	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
046	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
047	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
048	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
049	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
050	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
051	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
052	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
053	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
054	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
055	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
056	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
057	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
058	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
059	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
060	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
061	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
062	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
063	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
064	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
065	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
066	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
067	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
068	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
069	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
070	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
071	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
072	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
073	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
074	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
075	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
076	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
077	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
078	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.9
079	90.0	999.0	999.0	99.9	99.9	99.9	99.9	99.							

0200Z WINDS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
AT THE MEANS TEMPERATURE ON YIELD HAVE BEEN INTERPOLATED
BY SQUAD WINDS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10
GOODLAND, KANSAS
10 APRIL 1979
1133 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT Y DG K	E POT Y DG K	MR WTD CM/KG	RM PCT	RANGE KM	AZ DEG
0.0	18.0	1115.0	971.0	5.8	5.1	150.0	10.0	-5.0	4.7	290.2	306.9	6.3	95.0	0.0	0.
30.3	36.0	99.0	1000.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
32.3	32.0	99.0	975.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
44.9	34.0	99.0	950.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
49.9	34.0	99.0	925.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
53.9	34.0	99.0	900.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
58.9	34.0	99.0	875.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1.7	19.0	1314.5	850.0	4.0	4.0	156.3	13.0	-7.6	11.4	290.3	306.3	6.0	101.4	0.5	330.
1.5	22.2	1597.1	825.0	2.6	2.6	152.9	15.2	-5.0	12.3	291.4	306.4	5.6	102.0	1.1	325.
4.3	24.5	1805.8	800.0	1.0	1.0	156.3	17.6	-7.2	16.3	292.2	306.2	5.2	101.9	2.0	320.
3.3	25.9	2005.9	775.0	0.3	0.3	164.1	18.2	-5.0	17.5	293.1	307.9	5.1	101.9	3.0	332.
4.1	29.3	2325.7	750.0	-1.2	-1.2	171.4	17.7	-2.7	17.5	293.2	309.1	4.7	101.5	3.7	335.
5.1	31.6	2594.1	725.0	-2.1	-2.1	174.2	16.0	-1.6	15.9	293.2	309.0	4.5	101.5	4.8	339.
5.9	34.1	2872.4	700.0	-3.0	-3.0	172.3	14.2	-1.9	14.1	293.2	309.0	4.1	101.1	5.6	341.
6.1	35.4	3159.5	675.0	-4.7	-4.7	172.9	12.2	-1.7	12.1	293.4	310.5	3.5	99.1	6.2	342.
7.3	39.2	3454.0	650.0	-6.5	-6.5	172.6	8.2	1.1	8.1	301.6	307.9	2.1	59.4	5.8	344.
5.3	41.4	3741.6	625.0	-8.2	-8.2	176.0	6.4	1.8	6.2	303.1	309.4	1.8	53.9	7.1	345.
9.9	44.4	4077.6	600.0	-9.9	-9.9	180.4	6.5	0.9	6.4	304.7	311.1	2.2	71.5	7.5	347.
13.9	47.1	4404.9	575.0	-12.1	-12.1	192.6	5.9	1.3	4.9	305.8	311.3	1.8	68.5	7.9	349.
12.1	47.9	4743.8	550.0	-14.4	-14.4	211.9	5.7	3.0	4.9	307.0	312.4	1.8	79.3	9.2	349.
13.1	52.7	5035.4	525.0	-16.6	-16.6	212.2	7.5	4.0	6.3	308.4	312.3	1.2	62.0	9.5	351.
16.3	55.5	5467.4	500.0	-19.3	-19.3	227.2	6.2	3.8	7.3	309.5	311.8	0.7	42.4	9.0	354.
15.7	54.4	5829.8	475.0	-22.0	-22.0	183.7	6.3	0.4	6.3	310.4	312.0	0.4	26.5	9.5	355.
17.3	61.4	6225.5	450.0	-24.7	-24.7	185.4	5.5	-3.1	4.5	314.2	313.0	0.3	37.1	9.9	355.
15.3	54.4	6492.2	425.0	-27.9	-27.9	180.1	6.3	-4.0	4.8	313.7	314.7	0.4	44.2	12.3	353.
17.7	54.4	7011.3	400.0	-31.7	-31.7	150.4	4.5	-2.2	3.9	313.6	314.4	0.2	27.0	12.7	352.
21.2	74.7	7374.9	375.0	-35.4	-35.4	154.7	4.9	-2.1	4.4	314.7	315.3	0.2	32.9	11.0	352.
22.9	74.7	7749.7	350.0	-39.2	-39.2	136.6	5.5	-3.8	4.0	315.0	309.9	99.9	99.9	11.6	351.
24.6	74.4	8111.9	325.0	-44.5	-44.5	113.4	7.7	-4.4	1.9	315.3	309.9	99.9	99.9	11.9	349.
26.4	32.1	9042.4	300.0	-49.3	-49.3	108.8	7.7	-7.3	2.5	315.9	309.9	99.9	99.9	12.2	346.
23.2	46.3	9539.5	275.0	-51.2	-51.2	149.6	6.3	-3.2	5.4	321.0	309.9	99.9	99.9	12.7	343.
33.4	92.2	10225.1	250.0	-52.3	-52.3	166.9	6.2	5.0	6.6	328.3	309.9	99.9	99.9	13.3	345.
32.7	94.7	10774.2	225.0	-53.7	-53.7	228.2	11.9	8.9	7.9	336.2	309.9	99.9	99.9	14.1	343.
33.3	94.4	11662.9	200.0	-54.2	-54.2	99.9	23.5	15.2	11.0	345.9	309.9	99.9	99.9	15.3	357.
33.3	134.6	12312.1	175.0	-54.9	-54.9	233.7	20.0	16.1	11.9	356.7	309.9	99.9	99.9	17.3	4.
41.1	113.0	13445.4	150.0	-57.3	-57.3	99.9	22.0	12.9	12.0	371.3	309.9	99.9	99.9	17.7	12.
43.1	1.0	14075.2	125.0	-59.5	-59.5	99.9	99.9	99.9	99.9	387.2	309.9	99.9	99.9	23.1	17.
47.9	74.9	94.9	130.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
49.9	74.9	94.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
53.3	74.3	94.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
54.9	30.3	94.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
BY TOW MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

11 APRIL 1979
505 GMT

TIME MIN	CMTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	WX GT3 GM/KG	RM OCT	151 KN	14. 6 KN	AZ DG
30.0	6.4	5.0	1004.2	22.2	21.0	150.0	13.3	-5.2	8.9	295.9	314.0	13.9	71.9	30.3	7.0	
30.1	7.1	41.6	1070.0	21.5	20.5	152.0	21.8	-10.7	20.1	294.7	314.3	13.4	71.9	30.5	7.0	
30.5	9.2	261.2	975.0	19.3	18.5	152.4	21.6	-10.6	19.1	294.6	314.3	13.0	71.9	30.5	7.0	
1.6	11.3	444.9	940.0	18.1	17.2	155.9	23.4	-9.6	21.4	294.6	314.3	13.2	71.9	30.5	7.0	
2.3	13.4	713.7	925.0	17.7	16.8	155.7	23.6	-9.6	21.9	294.6	314.3	13.4	71.9	30.5	7.0	
3.2	15.6	949.1	900.0	19.0	6.5	177.4	17.9	-0.8	17.9	301.1	319.9	6.9	71.9	30.5	7.0	
4.0	17.6	1190.6	875.0	18.1	4.2	176.0	17.2	-1.2	17.1	302.6	319.9	6.9	71.9	30.5	7.0	
4.7	20.1	1439.2	850.0	16.9	8.2	173.4	19.0	-2.2	19.5	303.8	319.9	6.9	71.9	30.5	7.0	
5.5	22.3	1592.0	825.0	14.5	9.7	173.3	20.4	-2.4	20.3	303.9	319.9	6.9	71.9	30.5	7.0	
6.4	24.6	1951.7	800.0	12.3	8.0	174.2	15.6	-1.7	14.5	304.3	319.9	6.9	71.9	30.5	7.0	
7.3	27.0	2217.5	775.0	10.2	7.2	173.6	15.9	-1.8	15.4	304.8	319.9	6.9	71.9	30.5	7.0	
8.2	29.4	2430.1	750.0	8.6	3.8	180.1	13.4	0.0	15.4	305.9	319.9	6.9	71.9	30.5	7.0	
9.2	31.7	2730.5	725.0	7.0	6.0	189.5	14.6	2.4	14.4	307.1	319.9	6.9	71.9	30.5	7.0	
10.1	34.2	3058.3	700.0	4.5	3.7	194.5	13.5	4.1	13.9	307.5	319.9	6.9	71.9	30.5	7.0	
11.3	36.7	3354.0	675.0	1.2	-3.0	204.4	17.1	7.2	15.5	307.0	319.9	6.9	71.9	30.5	7.0	
11.9	39.2	3559.0	650.0	3.9	-4.6	218.9	17.0	10.7	13.2	313.3	314.3	0.1	71.9	30.5	7.0	
12.9	41.8	3776.0	625.0	1.4	-4.0	220.3	13.0	12.3	14.5	314.1	314.3	0.1	71.9	30.5	7.0	
13.0	44.7	4032.9	600.0	-1.4	-5.0	222.1	13.3	12.9	14.3	314.4	314.3	0.1	71.9	30.5	7.0	
15.1	47.0	4339.5	575.0	-4.5	-5.8	220.0	23.9	13.4	16.0	314.7	314.3	0.1	71.9	30.5	7.0	
15.2	49.4	4594.2	550.0	-6.7	-5.1	222.5	21.0	14.2	15.5	314.2	314.3	0.1	71.9	30.5	7.0	
17.4	52.6	5374.9	525.0	-9.1	-5.7	224.8	21.4	15.1	15.2	317.5	314.3	0.1	71.9	30.5	7.0	
18.6	55.4	5724.9	500.0	-12.4	-5.8	235.7	19.6	16.2	11.0	317.9	314.3	0.1	71.9	30.5	7.0	
19.9	58.7	6114.7	475.0	-15.2	-5.6	233.5	23.5	16.5	12.2	319.2	319.3	0.1	71.9	30.5	7.0	
21.2	61.3	6520.6	450.0	-18.4	-6.1	237.7	13.2	16.2	13.2	319.2	319.3	0.1	71.9	30.5	7.0	
22.7	64.4	6943.9	425.0	-22.2	-6.1	237.9	20.2	16.4	7.4	320.5	319.3	0.1	71.9	30.5	7.0	
23.8	67.6	7385.1	400.0	-25.3	-6.5	241.8	22.4	21.3	7.0	321.4	321.4	0.1	71.9	30.5	7.0	
25.8	72.9	7849.9	375.0	-29.7	-6.0	241.8	24.6	21.7	11.6	322.2	322.2	0.1	71.9	30.5	7.0	
27.4	78.1	8374.9	350.0	-34.5	-7.1	239.6	25.2	22.6	13.2	322.2	322.2	0.1	71.9	30.5	7.0	
29.1	77.9	8850.4	325.0	-39.1	-7.8	241.9	34.0	29.7	16.5	324.2	324.2	0.1	71.9	30.5	7.0	
31.1	81.6	9393.9	300.0	-41.2	-9.9	238.2	39.6	33.6	20.9	324.4	324.4	0.1	71.9	30.5	7.0	
33.0	85.4	9935.2	275.0	-45.1	-9.9	234.4	44.9	36.5	24.2	324.4	324.4	0.1	71.9	30.5	7.0	
35.1	89.5	10614.4	250.0	-49.6	-9.9	234.6	45.3	40.3	26.6	324.4	324.4	0.1	71.9	30.5	7.0	
37.3	93.8	11293.9	225.0	-57.1	-9.9	239.6	54.7	46.7	29.5	337.2	337.2	0.1	71.9	30.5	7.0	
39.5	98.4	12050.9	200.0	-57.6	-9.9	241.5	62.4	54.9	27.9	341.4	341.4	0.1	71.9	30.5	7.0	
42.0	103.4	12894.8	175.0	-61.1	-9.9	244.2	54.8	53.9	26.0	340.1	340.1	0.1	71.9	30.5	7.0	
44.9	109.0	13839.4	150.0	-63.7	-9.9	270.5	49.1	46.3	16.3	360.3	360.3	0.1	71.9	30.5	7.0	
47.9	115.0	14854.5	125.0	-66.9	-9.9	246.7	52.0	47.9	20.6	377.8	377.8	0.1	71.9	30.5	7.0	
51.0	121.7	16299.2	100.0	-69.5	-9.9	235.2	30.7	25.3	17.5	393.3	393.3	0.1	71.9	30.5	7.0	
55.1	127.7	18007.2	75.0	-76.4	-9.9	236.0	20.0	16.6	11.2	423.3	423.3	0.1	71.9	30.5	7.0	
61.5	133.3	20479.6	50.0	-63.1	-9.9	206.1	11.7	5.1	10.5	404.0	404.0	0.1	71.9	30.5	7.0	
72.3	153.7	24914.1	25.0	-48.4	-9.9	112.4	5.6	-5.4	2.2	444.9	444.9	0.1	71.9	30.5	7.0	

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG

* BY TEND MEANS TEMPERATURE OF TIME HAVE BEEN INTERPOLATED

** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

10 APRIL 1979
2325 GMT

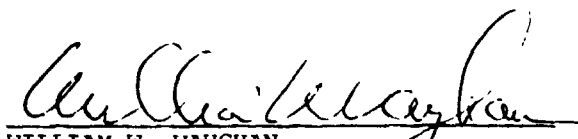

TIME MIN	ENTY	WEIGHT GPM	PRSS MB	TEMP DEG C	QWS PT DEG C	DIP DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	F DNT T OS K	WX GTO GW/KG	RM PCT	RANGE KM	AZ DEG
00	10.7	399.0	949.6	81.0	19.9	170.0	4.3	-1.6	9.2	299.5	337.2	14.7	82.4	30.0	20
01	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
02	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
03	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
04	13.1	637.0	925.0	29.3	18.9	167.5	11.2	-3.1	13.9	303.0	339.9	15.4	81.4	1.7	340
05	13.5	623.9	900.0	19.4	18.9	173.4	17.6	-2.0	17.5	300.4	339.9	13.3	99.2	1.4	340
06	17.8	1195.7	875.0	17.0	15.2	180.2	21.4	0.1	20.4	791.4	339.9	12.5	92.7	2.4	333
07	20.2	1353.0	850.0	15.3	13.5	180.2	21.4	0.1	20.4	791.4	339.9	11.6	92.2	2.4	333
08	22.7	1606.2	825.0	13.1	13.1	180.2	21.4	0.1	20.4	791.4	339.9	9.5	92.2	2.4	333
09	25.2	1866.3	800.0	11.6	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
10	27.7	2135.0	775.0	9.9	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
11	30.2	2412.0	750.0	8.8	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
12	32.9	2696.0	725.0	7.8	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
13	35.5	2987.9	700.0	6.4	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
14	38.2	3287.4	675.0	5.4	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
15	40.9	3587.9	650.0	4.9	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
16	43.8	3887.4	625.0	3.9	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
17	46.6	4187.9	600.0	2.9	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
18	49.5	4487.4	575.0	1.9	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
19	52.4	4787.9	550.0	0.9	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
20	55.3	5087.4	525.0	-0.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
21	58.2	5387.9	500.0	-1.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
22	61.1	5687.4	475.0	-2.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
23	64.0	5987.9	450.0	-3.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
24	66.9	6287.4	425.0	-4.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
25	69.8	6587.9	400.0	-5.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
26	72.7	6887.4	375.0	-6.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
27	75.6	7187.9	350.0	-7.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
28	78.5	7487.4	325.0	-8.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
29	81.4	7787.9	300.0	-9.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
30	84.3	8087.4	275.0	-10.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
31	87.2	8387.9	250.0	-11.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
32	90.1	8687.4	225.0	-12.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
33	93.0	8987.9	200.0	-13.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
34	95.9	9287.4	175.0	-14.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
35	98.8	9587.9	150.0	-15.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
36	101.7	9887.4	125.0	-16.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
37	104.6	10187.9	100.0	-17.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
38	107.5	10487.4	75.0	-18.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
39	110.4	10787.9	50.0	-19.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
40	113.3	11087.4	25.0	-20.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
41	116.2	11387.9	0.0	-21.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
42	119.1	11687.4		-22.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
43	122.0	11987.9		-23.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
44	124.9	12287.4		-24.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
45	127.8	12587.9		-25.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
46	130.7	12887.4		-26.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
47	133.6	13187.9		-27.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
48	136.5	13487.4		-28.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
49	139.4	13787.9		-29.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
50	142.3	14087.4		-30.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
51	145.2	14387.9		-31.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
52	148.1	14687.4		-32.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
53	151.0	14987.9		-33.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
54	153.9	15287.4		-34.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
55	156.8	15587.9		-35.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
56	159.7	15887.4		-36.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
57	162.6	16187.9		-37.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
58	165.5	16487.4		-38.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
59	168.4	16787.9		-39.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
60	171.3	17087.4		-40.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
61	174.2	17387.9		-41.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
62	177.1	17687.4		-42.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
63	180.0	17987.9		-43.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
64	182.9	18287.4		-44.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
65	185.8	18587.9		-45.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
66	188.7	18887.4		-46.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
67	191.6	19187.9		-47.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
68	194.5	19487.4		-48.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
69	197.4	19787.9		-49.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
70	200.3	20087.4		-50.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
71	203.2	20387.9		-51.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
72	206.1	20687.4		-52.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
73	209.0	20987.9		-53.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
74	211.9	21287.4		-54.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
75	214.8	21587.9		-55.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
76	217.7	21887.4		-56.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
77	220.6	22187.9		-57.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
78	223.5	22487.4		-58.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
79	226.4	22787.9		-59.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
80	229.3	23087.4		-60.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
81	232.2	23387.9		-61.7	-47.4	228.2	21.1	14.9	17.7	307.9	308.3	0.1	1.0	6.3	70
82	235.1	23687.4		-62.7	-47.4	228.2	2								

APPROVAL

AVE-SESAME I: 25-MB SOUNDING DATA

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The information in this report has been reviewed for technical content. Review of any information concerning Department of Defense or nuclear energy activities or programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.


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